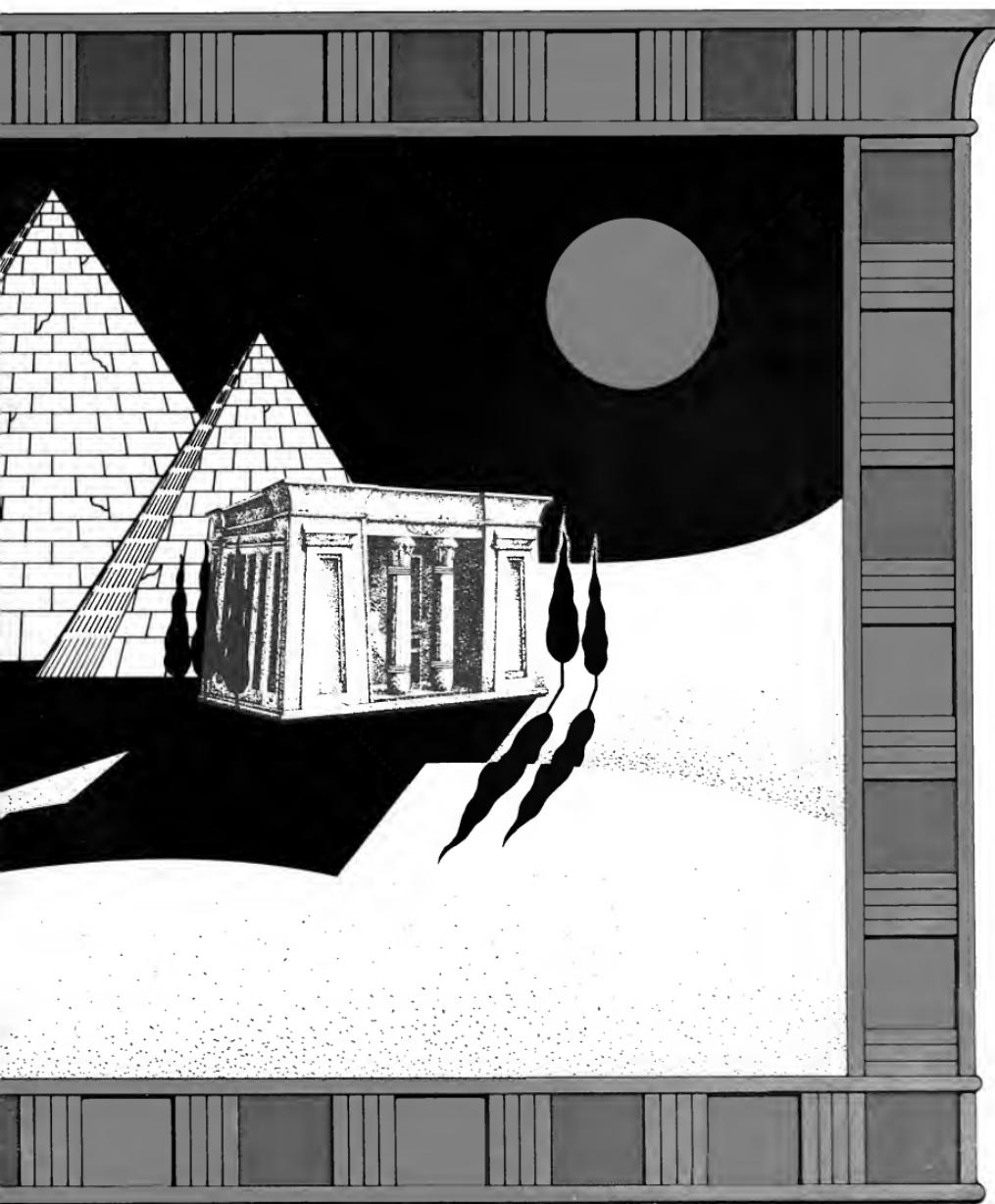


VCU MAGAZINE

FALL 1977







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Cover: The Egyptian Building, located on the MCV campus, is a treasure of Egyptiana. For another look at the finest example of Egyptian Revival architecture in the country, please turn to page 7. Cover designed and illustrated by Frank Kostek.

Opposite: The winged orb stands out in bold relief above the palm capitals of the Egyptian Building's west portico. Photograph by Bob Strong.

In good keeping

For the third year in a row, the *VCU Magazine* has been named one of the ten best alumni magazines in the country. Although we were again pleased to appear on the list of the "top ten," we were especially delighted when we realized that VCU was the only state institution and the only school in the southeast to be so honored.

Each year the Council for Advancement and Support of Education (CASE), an international professional association headquartered in Washington, D.C., recognizes exceptional achievement in such areas as institutional development, alumni programming, and educational publishing. This year a panel of CASE judges reviewed fifty-four college and university magazines before making their selection of the "top ten." Institutions sharing the honors with VCU included Harvard, Cornell, Brown, Pennsylvania, MIT, Notre Dame, McGill, Simmons College (Boston), and Saint Mary's College (Indiana). Along with the honor came a handsome certificate and appropriate recognition at the CASE Annual Assembly in San Francisco last July.

The judges selected *VCU Magazine* for a citation award after reviewing three complete issues published during the past year. Eight articles received their close attention. They reviewed faculty-written pieces contributed by Dennis Johnson, Harmond Haymes, Maurice Duke, Edward Kopf, and Philip Schwarz.

Besides singling out the writing, the judges expressed their pleasure with the quality of the magazine's illustrations and design. Most of the illustrations appearing in *VCU Magazine* are the work of Charles Scalini's students in university graphics, an advanced course offered in the Department of Communication Arts and Design. The layout and design of each issue is the work of alumnus Bruce Smith, a free-lance graphic artist.

To all of those who have contributed to the success of this publication, including our readers, we express our sincere appreciation.

In this issue of the magazine we feature articles about the state of the contemporary music scene and the affect our nation's conversion to the metric system will have upon our everyday lives. There is also an informative feature about an exercise program for heart patients and some practical advice for those contemplating a midlife career change. There is even a new look at an old university landmark, the Egyptian Building, located on the MCV campus.

The illustrations appearing in this issue are the work of recent alumni and students. Frank Kostek, a 1975 graduate, created our cover design. Vernon Smith '76, Carolyn Vibbert '77, and Hatley Mason '78 executed the others. Bob Strong, a free-lance photographer and former student, took many of the photographs appearing in this issue.

G.B.R.

Moving up? Or moving on?

"Close your eyes for a minute. Take a couple of deep, deep breaths, and just try to turn your body loose and let it go. Be just as comfortable as you can. Okay. Now, I'd like for you to visualize yourself—keep your eyes closed—and visualize yourself, let's say, ten years down the road. Kind of look around. Where are you? What kind of setting are you in? What are you doing? What kind of people are you working with? Are you working by yourself? Where are you located?"

"You don't have to open your eyes, but if you're getting a fairly clear picture, wave your hand," intones counseling psychologist Ralph C. Wiggins, Jr., Ph.D. After a meaningful silence, the relaxed-looking executive seated across the narrow office raises a hand and Wiggins continues.

"Keep your eyes closed, and from where you're seated right now, direct your attention backward over that ten-year period. How did you get to where you are ten years from now? What were some of the major turning points to your getting there? What were some of the major obstacles that you faced? Did you encounter one or more major crisis points? And if so, what were the crises? And how did you work them through?"

Another pause and the "future" draws into focus for a thirty-six-year-old banker contemplating a career change. He has been working in the trust department for seven years, and now he is bored, no longer challenged by his five-figure job. He has come to Wiggins through VCU's Midlife Counseling Service with the hope that he might discover that elusive something called Meaningful Work.

Such imaginary journeys into the future are but one of the counseling techniques Wiggins employs to get would-be career changers to contemplate their own self-identity. In occupational terms that translates into an understanding of one's own values, aptitudes, and interests. Once that has been accomplished, Wiggins assists those dissatisfied with their present careers to formulate occupational objectives and make specific plans. To facilitate the development of these goals, Wiggins often must "introduce people to themselves." This he does by counseling

as well as through a battery of psychological tests.

It is this awareness and understanding of oneself which Wiggins considers the first step in the job search process. But all too many people "thirty-five to forty years old still don't know what they want to be when they grow up," explains the professor. "Few of us received any instruction in occupational decision-making or career planning during our school years when we needed it most."

Wiggins—himself a career-changer at age thirty-six—first became concerned with this special midlife population while recruiting employees for a General Electric plant in Philadelphia. Later, after working as an executive search consultant, he decided to return to Temple University to earn a doctorate in counseling psychology. "My aim," he says, "was to get myself fully and professionally qualified to work with this population and to offer them a much more professional service than they might get from some unscrupulous job counselor and for a darn sight less money."

About the time he was completing doctoral studies at Temple, Wiggins answered an advertisement appearing in the journal of the American Psychological Association. The announcement—for a teaching job at VCU—looked to Wiggins "like someone had taken my résumé and written a job description from it." He responded, and after one interview, accepted a position in the psychology department. That was in 1975.

Now an assistant professor, Wiggins is largely responsible for the creation of the VCU Midlife Counseling Service, the only full-range vocational guidance service of its kind in Richmond. The service, available since early summer, is unique in that it specializes in the midlife career problems of both men and women. Not only is Wiggins ready to help those who, without forethought, stumbled into their first, unrewarding careers, but he is also willing to aid homemakers wanting to enter the job market for the first time, executives who have lost their jobs, and businessmen ready to quit the rat race.

Besides offering what Wiggins consid-

ers "a much needed community service," the Midlife Counseling Service provides practical experience for VCU's graduate students in counseling psychology. Candidates for the Ph.D. degree handle most of the counseling sessions, while Wiggins supervises the students' practicum. "The type of counseling process I advocate is pretty flexible, tailored to meet the needs of the individual," explains Wiggins. And while the number of sessions varies, Wiggins estimates that most clients will require anywhere from eight to twelve hours of counseling. Modest fees for testing and counseling are charged on a sliding scale, based upon current income and number of dependents.

According to Wiggins, the career counseling service seeks to help clients clarify their self-identity in occupational terms, formulate a long-range occupational objective, identify alternatives, establish short-term and intermediate goals, and take steps to move in the direction of the long-term goal.

"We stop short of actual job referral or job placement," says Wiggins, explaining that the Midlife Counseling Service does not arrange contacts between job-seekers and employers. That service is already provided to VCU alumni by the university's Office of Career Planning and Placement.

Changing careers at life's midpoint is often wrought with frustration and disappointment. "There is no question about it," claims Wiggins. "It can be more difficult for a person at or beyond midlife" to find employment. For some individuals that midlife point may come as early as thirty or as late as fifty—"whenever a person had gotten reasonably established in terms of family and income, and can pause and take a breath and look back at where he has been and where he is," explains Wiggins. "As far as job hunting is concerned, forty is the magic figure. Anyone over forty has a harder time. We know that." But on the other hand, people over forty have the skills, judgment, and stability that comes from mature experience.

One way to make changing careers easier is to capitalize upon this past experience and maturity. "The best way to go about it," says Wiggins, "is not to





Wiggins: "Many forty-year-olds don't know what they want to be when they grow up."

chuck everything from the past and start all over." Instead, he advises career-changers to analyze their skills and abilities to see how they might be reappplied in a new career. He dispels the "myth" that mid-career change necessarily involves "throwing away the past and starting all over again." Sometimes it can be just that, "but more often than not, it simply involves a shift in direction—not the radical break with the past that a lot of people make it out to be."

Compounding the difficulty of mid-career change is one's own ego. "We men, in particular, make such an ego investment in our work that part of who we are is the work that we do. Changing our occupational identity and doing something else is sort of like losing face."

Another overriding concern is often fear of a drastic salary cut. "A person at midlife, particularly a man just thinking about career change, has visions of dollar signs taking wing and flying away." Such value choices, says Wiggins, have to be faced from the very beginning. "Which is more important?" he asks, "earning as much money as one can, or deriving some sense of satisfaction or self-actualization out of life? It doesn't necessarily have to be an either/or thing but often becomes a question of priorities and compromise."

"Some people may go through a self-assessment process and decide that in terms of their own scale of values money is and has to be the most

important thing to them, even at the expense of job happiness or job satisfaction. And I think that is a perfectly valid decision for some people to make," says the professor.

Whether one decides to endure a job hates or strike out on a new career is something that the individual has to decide for himself. "The purpose of the VCU Midlife Counseling Service," explains Wiggins, "is not to push values on people but simply to help people clarify their own values to the point that they can make responsible choices for themselves, rather than be pushed and pulled around by society, parental pressures, family pressures, and the other kinds of pressure we let ourselves become victims of if we aren't careful."

Regardless of whether one seeks the aid of a job counseling service or whether he undertakes the task on his own, self-analysis is the very first step in the job search process. And often, the most difficult. But assuming that one does decide to change jobs or launch a new career, the next step is to compile a résumé and write letters of application. How well you communicate your job qualifications will usually determine whether you get to first base, which is landing a job interview.

To guide job-seekers through the labyrinth of personnel offices, application forms, and interviews, David E. Gootnick, Ph.D., assistant professor of business education and office adminis-

tration, has written a practical how-to manual. The unusual guidebook, scheduled to be published next year by a major New York publisher, is tentatively titled *Successful Job Getting* and offers such useful chapters as "How to Change Careers," "How to Prepare Winning Résumés," "How to Sell Yourself in a Job Interview," and "How to Wage Successful Job Campaigns." Gootnick, a specialist in business communications, has written the book of the tried and true after months of research and from his own personal experience. Although still in his early thirties, Gootnick has been employed as a teacher, an insurance agent, a vocational evaluator, an assembly line supervisor, and an orchestra leader. He hopes eventually to work as a college administrator and has his mind set on becoming a college president within ten years.

Gootnick, a School of Business faculty member since 1971, reports that according to the Bureau of Labor Statistics, Americans, on the average, change careers three times and jobs seven times during a working lifetime. Thus, he sees the job search process as a skill to be developed and reappplied anytime one seeks new employment. "If an individual relies heavily upon external sources in the community—the so-called experts—to make career decisions, to give undue guidance, or to actually carry out the job search process, then that individual hasn't really gained anything personally because the work is being done by someone else," says Gootnick. His "best advice is for an individual to understand himself or herself, the marketplace, and the job search process," and then, to initiate a job search on one's own. But where does one go to find out about career opportunities, required skills, et cetera? Gootnick suggests the library. Public and college libraries should have various career publications worth examining. Two titles he mentions are the *Occupational Outlook Handbook* and the *Dictionary of Occupational Titles*. The first gives job market information while the second describes requirements for thousands of jobs. Campus career planning and placement offices also provide alumni with many of the same services available to students.

As Gootnick analyzes the process, successful job getting entails waging campaigns—sometimes akin to selling soap with the major difference being the commodity: oneself. He has classified eleven types of campaigns, ranging from the company-announced to the word-of-mouth.

The company-announced campaign is one of the first campaigns that should be considered, says Gootnick. "No doubt there is heavy competition when a job announcement is made in a national periodical or newspaper. No doubt there will be hundreds, if not thousands, of

responses." He says, however, an individual's chances multiply if he or she is skillful in preparing application letters, résumés, and follow-up letters. But in order for the company-announced campaign to pay off, it "has to be pursued earnestly and regularly." And that can mean sending out as many as ten letters of application and résumés a week. On the other hand, the word-of-mouth campaign may prove to be the more lucrative since the competition is less keen.

Those over forty years old, lacking experience, and interested in switching careers may find the unsolicited walk-in or call-in campaign more effective than the written campaign, says the business professor. With the latter, it is too easy for employers to summarily discount or toss aside résumés on the basis of age alone. "However, with a walk-in or call-in type campaign, you can immediately present those credentials that are really saleable—namely, your physical appearance, your oral communications ability, and your maturity."

The use of private personnel agencies and executive search firms represent what Gootnick terms the "middle-man campaign." While he says such an approach is valid, he does caution users to read contracts carefully. "Even though you might state that you want a company fee-paid job, you might be signing a contract which in small letters clearly spells out that you are obligated to stay employed with that firm for a year or else you will have to reimburse the agency if the contract is broken," he warns. Incidentally, fees for private job counseling firms may run \$3,000 and even higher.

Gootnick also points out that one can better his chances of landing a job by running concurrent and extensive campaigns. "Too often people who don't really understand the job search process simply follow up classified advertising. They don't recognize that you can use the techniques of product and service organizations in selling one's own credentials to a company." One such technique, the so-called direct mail job campaign, utilizes widespread mailings of expertly prepared résumés and application letters.

When one applies for a job, "your immediate goal is to obtain a job interview," points out Gootnick, noting that the interview is the most important screening stage in the job search process. During the interview, "you will be making critical impressions—your ability to think on your feet, your ability to verbally express yourself, your ability to behave maturely and positively under pressure or stress," he explains.

A common mistake many people make when job hunting is that they fail to realize that "they are selling themselves and that they have to present their best



Gootnick: "Many job hunters fail to realize that they have to present their best image."

image," says Gootnick. Too often job-seekers reveal their insecurities, either real or imagined, during the interview. "If you feel your credentials are good, then the job campaign is no place to start confessing weaknesses or pointing out handicaps." This is your opportunity to impress the interviewer with what you can offer rather than what you can't offer.

The unpaid homemaker, says Gootnick, often "has a great sense of insecurity upon entering the job market. Many times the homemaker feels that the experiences acquired at home, through volunteer service, through part-time employment just will not have any bearing. And that is untrue." It is extremely important, he says, for homemakers wanting to join the work force "to recognize that the ability to solve an employer's problems is the key to successful job getting, not necessarily how much money you made."

Although a company's personnel office can provide the job-seeker with useful information concerning positions available, Gootnick says "the smart job-seeker should always try to identify the manager with the need and with the authority to do the ultimate hiring."

"It just makes sense," he says. "If you can impress the individual who will make the hiring decision, then that individual will send the word down to personnel to hire you."

In filling out an application form for employment, Gootnick urges job appli-

cants always to be truthful. Falsified information or misrepresentation is sufficient grounds for dismissal. Yet, there are tactful ways to skirt potentially damaging information. Take the matter of health. If one is in good health, naturally answer "excellent" to queries about health. Even if one has some medical problem or physical limitation—so long as it does not affect job performance—he too should answer "excellent," or possibly, "no physical limitation for this job."

Gootnick explains: "If I happen to have a physical handicap or an emotional handicap which does not directly impair my performance on the job, then it should be irrelevant in terms of my qualifications."

The question "May we contact your current employer?" can be answered when necessary with "Application made in confidence. Please do not contact present employer." Such a reply is frequently appropriate, especially when one explores the job market regularly and would rather his current employer not know that he is contemplating a career change.

Age itself should not be concealed, even if one is young-looking enough to successfully shave off a few years from his actual age. "If you have had good career advancement and if you have shown you have the potential to solve problems for the prospective employer, then there is no reason to conceal age if it happens to be asked," says Gootnick.

People in their late forties and fifties "have a great deal to offer, in fact a great deal more than a younger, inexperienced person," he says. He advises older job applicants to sell themselves on the basis of their maturity, dependability, perseverance, interest, and general problem-solving ability.

Although nothing should be left blank on a job application form, Gootnick suggests applicants avoid direct answers to questions about salary history and the salary they desire. He suggests, instead, such responses as "negotiable," "open," "to be discussed in interview," or "to be discussed at appropriate time."

"I think it would be unwise," he says, "to qualify yourself or disqualify yourself based upon a stated salary figure desired or upon your salary history. Certain erroneous judgments can often be made based upon your previous salaries. For example, if in your last position you were paid according to the going rate in a low-paying industry, the prospective employer reviewing your application may think you were paid low because you were incompetent, when in fact that just wasn't the case at all." Or else, the employer just might grab you, he adds. Later on you might find someone else in a comparable position with the same company who is making more money simply because he or she kept quiet.

Before applying for a job, Gootnick emphasizes, it is important to have a "good fix on the salary parameters or the going salary range for that type of position" within the given industry. He reminds, "Don't make an issue of salary during the selling. Salary is not a selling point." The employer, he says, should be the one to bring up the matter of salary. If the applicant talks throughout the interview about his capabilities and credentials rather than personal needs such as salary, he may stand a better chance of getting a high salary offer.

"It would be wise," says Gootnick, "for anybody advancing in a career according to a time plan to set a minimum [salary] that would be acceptable." An increase of at least 20 percent should be the starting point for salary negotiations—providing one is advancing to a higher level requiring greater responsibility.

Thoughtful career planning, as recommended by professors Wiggins and Gootnick, is no guarantee, however, of lifelong job happiness. "Even those people who have done career planning in today's changing society may become victims of either boredom, frustration, or change," says Gootnick. Technological change, professional change, and organizational change—all prevalent in our society today—can render jobs obsolete. He warns that even those who plan their careers, as well as those who do not, "will sometime or other become candidates for career change." □

A do-it-yourself guide to career changing

Before you switch careers, it is important that you ask yourself some serious questions. You need to know, for example, your strengths and weaknesses, your likes and dislikes, your aptitudes and limitations, as well as your interests and preferences.

To assist you in this self-analysis, Dr. David E. Gootnick, assistant professor of business education and office administration and author of the forthcoming book *Successful Job Getting*, has suggested the following list of questions. Your answers to these will be important in your selection of a new career.

1. Were you fired? If so, why?
2. What about a job is important to you? Money? Security? Recognition? Power?
3. Why do you want to change careers?
4. What do you like least (most) about your present occupation?
5. Which lines of work would you consider? Which would you not consider?
6. Which work-related activities give you the greatest (least) satisfaction?
7. How can you improve yourself?
8. Which additional skills, both personal and professional, should you acquire?
9. What are your strongest (weakest) personal traits?
10. Which traits are valued most (least) in your present occupation?
11. Which of your professional needs and desires have been fulfilled (unfulfilled)?
12. What future reward do you seek?
13. What are your long-range financial needs and wants?
14. Which aspects of your present career conflict with your personal life?

Should you want a more in-depth evaluation and assistance by experienced counselors, contact the VCU Midlife Counseling Service, Hunton House, 810 West Franklin Street, Richmond, Virginia 23284; telephone (804) 770-7117.

VCU's Office of Career Planning and Placement can assist university alumni in finding gainful employment. From September through April, business, industry, school systems, governmental units, and private agencies send representatives to the campus to conduct interviews with interested alumni, graduate students, and graduating seniors. Last year more than one hundred sixty job recruiters visited the campus, nearly twice as many as the year before.

The office will also maintain a credentials file for alumni registering for the placement service. The file usually contains: a personal data sheet, résumé, transcript, reference letters, performance evaluations, and a consent for disclosure form, which authorizes the file to be sent to potential employers. A fee of one dollar is charged for forwarding the file at the request of an alumnus. There is no fee when the file is requested by a potential employer, or when the placement staff forwards the file to nominate an alumnus for a position.

Employment opportunities listed with the placement office are mailed bimonthly during the academic year to registered alumni. The lists often contain more than one hundred job openings in Virginia and elsewhere. The vacancies are listed by business, industry, government, and educational institutions.

The office also maintains a library of career information, company literature, and graduate school catalogs. In addition, limited career and vocational guidance is available.

Further information about these services is available from the Office of Career Planning and Placement, Anderson House, 913 West Franklin Street, Richmond, Virginia 23284; telephone (804) 770-2363. The office is under the direction of Rolie Oatley.

You can pick up books on career planning from any good library. VCU's Cabell Library has books and pamphlets on various careers. One book highly recommended by placement director Oatley is *What Color Is Your Parachute?* by Richard Nelson Bolles (Ten-Speed Press, 1977 revised edition, \$4.95). Subtitled "A Practical Manual for Job-Hunters and Career-Changers," the book gives the job-hunter practical step-by-step instructions for finding a job.



Egyptomania inspires a building

When the Tutankhamen exhibition opened at Washington's National Gallery of Art in November 1976, crowds queued up for hours to view fifty-five treasures found in the tomb of the teenage pharaoh who lived some 3,300 years ago. After a four-month showing, the exhibition began a two-year tour which has already taken it to Chicago and New Orleans. Eventually, throngs in Los Angeles, Seattle, and New York will also file past glass cases containing the magnificent golden burial trove of the fabled Egyptian ruler.

"Wherever it goes, the exhibit . . . causes pandemonium," claimed News-

week (May 9, 1977), adding that "Tutomania is sweeping the country." Already, the popularity of the exhibition has inspired Egyptian motifs in fashions, jewelry, furniture, sheets, and towels—even makeup and hairstyles.

The new vogue for Egyptiana, however, is not the first. Within a few years of the 1922 discovery of King Tut's tomb, artists and architects had created a bold new style—Art Déco—inspired in part by their fascination with the exotic designs of ancient Egypt.

Even earlier, following Napoleon's invasion of the Nile region in 1809, there was brief enchantment with Egyptian

forms. Awed by the monumental architecture rising from the arid desert, the French invaders executed detailed drawings of the ancient stone edifices. Later the beautifully rendered illustrations were published, influencing architecture in both America and Europe during the first half of the nineteenth century.

It was during this period, in the early 1840s, that a Philadelphia architect named Thomas S. Stewart was commissioned to design the first structure erected in Richmond to house the medical department of Hampden-Sydney College, forerunner of the Medical College of Virginia. The Egyptian



Building, as the MCV campus landmark is known today, is considered to be the finest example of Egyptian Revival architecture in the country. It is also kindly regarded as the oldest medical college building in the South, and in 1969 it was added to the National Register of Historic Places.

Stewart's remarkable versatility as an architect is evident in this complete recreation of an Egyptian temple. Only the year before, he had designed the classically inspired Saint Paul's Church, located a few blocks west on Grace Street at Capitol Square. Since little is known about the architect, we can only guess why he departed from the popular Greek Revival style of the 1840s for his unique medical building.

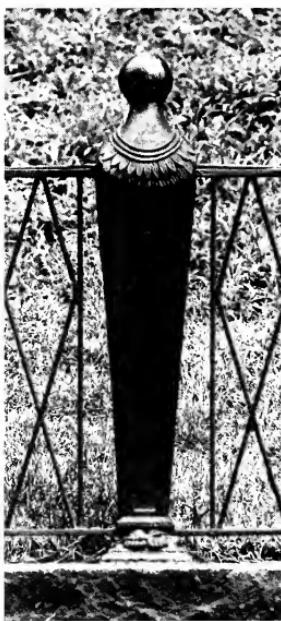
According to architectural historian Robert Winthrop, an instructor for VCU's Center for Continuing Education and an architect with the Richmond firm of Glave Newman Anderson, Egyptian forms were often associated with death and incarceration. Several architects experimented with the somber style in their designs for prisons and cemeteries. Hence, given the nineteenth century's preoccupation with death, Winthrop discerns the appropriateness of the Egyptian style for a building devoted to medicine, a science then in its infancy.

By the mid-1850s the style had virtually died out in the U.S. It was not very adaptable; because true Egyptian archi-



tecture had no windows, the style was limited to a few monumental structures.

Stewart solved the problem of windows in his Egyptian Building by putting in diamond-shaped panes, hoping, says Winthrop, "that something vaguely exotic would pass as Egyptian." He repeated the same diamond shape in the cast iron fence he designed to surround the grounds. Another feature of the





unusual fence is its posts in the form of mummy cases.

Several important Egyptian motifs are evident in the building's exterior. Its nearly identical facades at either end are composed of porticos, each containing two columns with palm capitals. Above the capitals, and repeated throughout the building, are winged orbs, or sun disks, symbols of the Egyptian sun god Ra. Framing the porticos at the corners of the building are elongated pylons. The pylon motif is found again in the windows lining the sides of the building. Crowning the entire structure is a massive convex cornice and a very shallow hipped roof.

Unfortunately, the inside of the Egyptian Building, although not less interesting than the outside, has been severely altered. In 1939, during a restoration of the exterior, the interior was gutted.

Nothing of Stewart's original interior design—not even a floor plan—survives.

But thanks to the generosity of Bernard M. Baruch, the first floor of the building was handsomely remodeled with Egyptian-style decorations of the 1930s. Art Deco—although by that time much less lavish than in the pre-Depression era—characterizes the entry and the Simon Baruch Auditorium, named in honor of the benefactor's father. "It's really quite well done," says Winthrop, praising the Egyptian Building's thirties interior. "The entry hall is

distinctively tomb-like, a somber little room." While its first floor is something of an artistic achievement, the two floors above are purely institutional, devoted to laboratories and biohazardous research.

Winthrop has several theories regarding the Egyptian Building's original appearance. He suspects that its stucco exterior may have originally been painted to look like stone, with various elements highlighted in elaborate colors to make the building look "more Egyptian." He also theorizes that Stewart's original interior may have reflected the same attention to detail as found on the outside of the building. "I would imagine," says Winthrop, "that since Stewart was so thorough in his Egyptian detailing on the exterior that he would have been comparatively thorough on the inside, carrying out the same elements all of the way through."

But as far as Winthrop knows, few photographs exist of the interior prior to its restoration and those that do, provide little documentation of its character. And until the long-lost floor plans turn up, Winthrop and other architectural historians will have to rely upon personal recollections of those familiar with the building's layout before 1939.

Recently, photographer Bob Strong visited the Egyptian Building to capture its still-exotic character. His photographs are reproduced here and on the preceding page. □



Clockwise: Foyer of the Egyptian Building (top left), which was remodeled in 1939; note the scarab design in the marble floor. Egyptian decoration was carried out in Simon Baruch Auditorium (top right). Hieroglyphic designs frame the entrance to the auditorium (above). Mummy post (left) in the original iron fence still guards the building. The cast facade (far left) of the Egyptian Building overlooks College Street.

Living in a metric world

By Frederick C. Haas

Have you smoked one of the new 120 millimetre* cigarettes? Is there a litre bottle of 7-UP in your refrigerator? Are you driving a metric-dimensioned Datsun, Volkswagen, Toyota, or Chevrolet Chevette? Do you have a few milligrams of some prescription drug in your medicine cabinet? Have you heard temperature readings stated in degrees Celsius or wind velocity reported in kilometres per hour? If you have experienced any of these, then you are witness to a gradual change in the way Americans measure the things they buy and use.

American manufacturers are now beginning to conform to a world-wide standard of measurement, the *Systèmes Internationaux d'Unités*, or as it is popularly known, SI. Only the United States and a few small, nonindustrialized nations have not already switched to the SI. Besides the U.S., the last industrialized nations to adopt the metric system of measurement were Great Britain and Canada. Now, both countries are in the process of metrication. Great Britain began its planned ten-year conversion program in 1965, while Canada began its changeover in 1970.

Even though lacking an overall master plan or timetable, our country is also converting to the metric measurement system. Metrication, which has been debated almost from our government's beginning, is finally taking place. Many people are strongly in favor of it; others do not know that it is happening or what it means; some are strongly opposed to it. Negative and even erroneous or distorted statements concerning metrication have recently appeared in print. Apparently, some writers for the news media have not become fully informed before tackling the metric system.

But because of our own self-interest metrication is gathering momentum. Many multinational corporations doing business in the United States are metricating their American operations. For them it is a logical decision, since the world market is showing increasing

resistance to nonmetric products and package sizes. Of necessity, the multinationals must have freely transferable technology, as well as interchangeable machinery, production processes, and inventories for all of their branches. Thus to affect economy and efficiency, they have opted for a single system of measurement, the SI, to be used throughout their entire operations.

Metrication is spreading ripple-like through our own industrial sector as well. American manufacturers who supply the multinational companies with raw materials and parts are switching to the metric system in order that their products might meet the multinationals' metric specifications.

As consumers will eventually accept metric-designed products. Already, we have become accustomed to using many metric-dimensioned items, among them 100 mm and 120 mm cigarettes, 35 mm photographic film, and pharmaceuticals measured in metric quantities. American athletes take part in the Olympic Games and other international sports competitions using metric measures for weights and distances.

These examples demonstrate that items made to metric dimensions function as well as those to which we have been accustomed. A metric-dimensioned automobile performs just as well as an English-dimensioned one. There is no noticeable difference.

Of considerable importance to discussion of metrication is the cost factor. Since American companies must provide metric products for their export markets, it is natural and less costly to provide the same products for the domestic market. Hence one-time costs associated with metrication can be minimized by proper planning. The changeover costs, it is likely, will be passed along to purchasers just as are other costs incurred in producing both metric and nonmetric products. But as consumers accept metric products, both U.S. and foreign industrialists will avoid these duplication costs in producing for the American market, giving consumers a wider choice of competing products.

The facts just described give early evidence that metrication will bring

about some changes in our daily activities. Some of the new units and quantities we will soon be using are shown in Table One.

The metric system now being adopted in America is the present-day version of an earlier system first developed in France in 1793. The French used it until 1812, when they reverted briefly to their previous measurement system. In 1837 the metric system was reinstated and accepted in France. Over the years other countries in Europe and, more recently, Asia, adopted a metric system. In 1954, the nations of the world, including the United States, convened the Tenth General Conference of Weights and Measures, which modified and combined several variations of the metric system. The Eleventh General Conference in 1960 titled the revised system the International System of Units, or SI.

The SI, as agreed upon at these conferences, is a complete system of measurement. It contains all the units and relationships necessary for day-to-day living and commerce. It also has all of the specialized units and relationships necessary for technical and scientific calculations.

The average person will only have to learn and use the units necessary for his or her activities. For most of us, these will be: the *metre* for linear, square, and cubic dimensions; the *litre*** for volume; the *kilogram* for mass (weight); and the *Celsius* scale for temperature. Scientists and other technical workers use both these common units and various specialized units for their work.

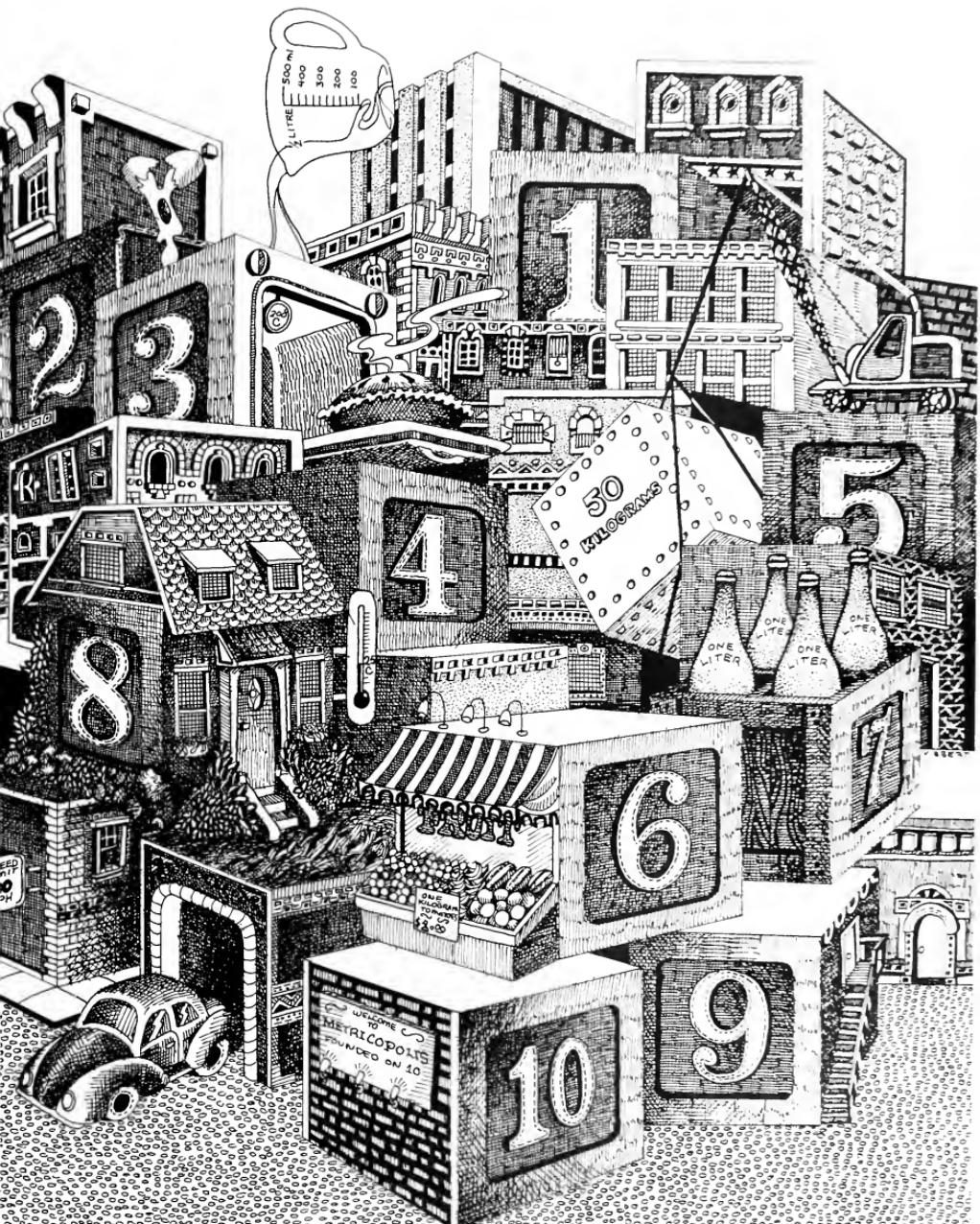
There are three types of units in the system: base, supplementary, and derived.

Base units are those established by the General Conference of Weights and Measures. They are: metre, kilogram, second, ampere, kelvin, mole, and candela. Only the first three will be in common use. The others are for electrical and chemical measurements.

Supplementary units are two units which as yet have not been designated base units. They are the radian and the

**Although the litre is not an SI unit, it is compatible with the system and is so well established that it will continue to be used.

*The spelling of *metre* and *litre* has been established by international agreement and is accepted throughout the English-speaking world.





Haas: "With the metrification of Canada and Great Britain well underway, the United States remains the only industrialized nation in the world not already on the metric system—a fact incompatible with America's maintaining its position in the world economy."

steradian, both reserved for angular measurements.

Derived units are those created by algebraic combinations of base and supplementary units. Two examples are metre per second (m/s) for velocity, and the pascal, which is one Newton per square metre (1N/m^2) for pressure or stress. Some of these derived units will be in common use, but most of them are for specialized purposes.

By adding prefixes, SI base units may be increased or decreased in value by factors of ten. It is this feature which makes the system easy to learn and use. Some of the more commonly used prefixes are shown in Table Two.

These prefixes are combined with base units to change their magnitudes. Adding "kilo" to "gram" produces the kilogram, which is 1 000 grams.*** Ad-

ding "centi" to "metre" produces the centimetre, which is 0,01 of a metre. In addition, there are other prefixes not shown in Table Two which produce very large and very small units for special purposes.

A very visible indicator of metrification will be the posting of metric road signs. The Federal Highway Administration recently withdrew its initial plan for metricizing speed limit signs because of public opposition. Instead of making speed limit signs the first to be changed, perhaps American motorists would prefer the approach taken in Canada. There, new distance markers giving kilometres have been placed near old mileage markers. After Canadian drivers have had time to become familiar with the metric signs, the old ones will be removed. Tunnel clearances in metres, bridge capacities in kilograms or metric tonnes, and speed limits in kilometres per hour will appear on signs to be erected later.

Other visible changes will occur in dry

goods packaging. Cereals, flour, sugar, and other items will be labeled in grams. While numerous sizing possibilities exist, it seems likely that packages containing 500 grams (equivalent to approximately a pound) and 1 000 grams will become popularly preferred standards. Consumers buying packaged goods will have to be alert to avoid mistakes until manufacturers convert fully to accepted international standard sizes.

Goods and other commodities purchased now by volume—such as pints, quarts, and gallons—will be shifted to litres and parts or multiples of the litre. The litre, which is slightly larger than our present quart, will be the preferred measure for liquids. Most likely there will also be a 0,5 litre container. Multiples may range from 2 litres on up to 100 litres and even larger. Here, too, customer preference will guide packagers in adopting the accepted international standard sizes.

Clothing sizes will be based on body

***The SI uses spacing in number series as our present system uses the comma. (For example, one thousand is written 1 000.) The comma is used in place of the period. (For example, 0,01 is written 0,01.)

dimensions expressed in SI terms. Height, chest, weight, and hip measurements will be stated in centimetres, resulting in such "perfect" female proportions as 92-66-92. If you find such a figure startling, just remember one inch equals approximately 2.54 centimetres. Body mass, or weight, will be stated in kilograms, which approximate 2.2 pounds. Thus, the ideal weight for a man of average height might be 75 kilograms, or 165 pounds.

Temperature, precipitation, wind velocity, and other weather factors will be measured in SI units. The "new" temperatures scale, Celsius, is in fact, not new at all. It is the centigrade scale appropriately renamed in honor of its developer, Anders Celsius. The Celsius scale is divided into 100 degrees, with 100°C. representing water's boiling point and 0°C., freezing. Subfreezing temperatures will be expressed in minus readings. Thus, an individual's normal body temperature becomes 37°C. while 20°C. is a comfortable room temperature.

Wind velocity will be stated in kilometres per hour. Since the kilometre is only about 0.6 of a mile, readings will tend to be higher than when stated in miles per hour. Just remember it won't be windier; we will only be using smaller units to calculate wind speed. Rainfall will be measured in millimetres and snowfall, in centimetres.

While many measurements will be greatly affected, others—like time measurement and our monetary system—will go unchanged. We will continue to express time in seconds, minutes, hours, days, weeks, months, and years. U.S. currency is already based upon a decimal system and will not change.

As long as our nation continues its uncoordinated approach to metrification, no one can accurately predict the length of time it will take the U.S. to convert to the metric system. But metrification is

progressing, thanks to individual actions. In many instances, however, coordination is necessary if related changes—such as roadside speed-limit signs and automobile speedometers—are to occur simultaneously. A planned metrification program, developed by consensus with ample input from all affected interest groups, is necessary for efficient and effective metrification in the United States.

The coordination of metrification efforts underway in both the private and public sectors is the responsibility of the National Bureau of Standards and the United States Metric Board, which was established by the Metric Conversion Act of 1975. This Metric Board could develop the timetable for the United States' metrification program. Ten years seems to have been a popular time frame. Both Canada and Great Britain planned ten-year conversion programs. And although Great Britain did not achieve all of its goals in that time span, progress was made and is continuing. With the metrification of Canada and Great Britain well underway, the United States remains the only industrialized nation in the world not already on the SI or without a timetable for converting to the metric system—a fact incompatible with America's maintaining its position in the

world economy.

No doubt, the most rapid acceptance of metrification will occur in the classroom. The SI has been planned and engineered to be easy to learn, as well as rapid and accurate to use. When the units, relationships, and other details of the system are taught effectively, students appear to have little problem mastering the system. Some people who have learned both the metric and English systems have said they found the metric system simpler to learn.

Those of us who have already completed our formal education will also obtain the knowledge necessary to use the new system with confidence. Employers, for example, will provide training for their employees, just as they do other types of retraining required to maintain productivity. Even people whose jobs are not much affected by the metric conversion will notice changes while shopping, traveling, and so forth. They, too, will need to learn the metric system. Concerned individuals and organizations will likely sponsor seminars and workshops to familiarize us with the SI. Publications designed for various levels of metric knowledge are already available. And as we progress toward metrification their quantity will increase and quality will improve.

We will also learn the SI from each other. Family members and friends will exchange experiences, shopkeepers will advise their customers, and consumers will swap buying information. We will obtain and share our knowledge of the metric system in numerous other ways, too. And with that knowledge will come increasing acceptance—once we realize that the SI is easier to learn and more efficient to use than our present, outmoded method of measurement. □

TABLE ONE

Units and Quantities*

Present Unit/Quantity	Metric Unit/Quantity
pound	500 grams
2 pounds	1 kilogram (1 000 grams)
220 pounds	100 kilograms
quart	litre
gallon	4 litres
inch	2.54 centimetres
foot	30 centimetres
yard	metre
6 miles	10 kilometres
55 miles per hour (mph)	80 kilometres per hour (km/h)
25 acres	10 hectares
78°Fahrenheit	25 °Celsius
98.6°Fahrenheit	37 °Celsius

*These are not exact equivalents. They are approximate equivalents, suitable for the comparison.

TABLE TWO

Prefix	Symbol	Factor by which the unit is multiplied
kilo	k	10 ³ (1 000)
hecto	h	10 ² (100)
deca	da	10 ¹ (10)
deci	d	10 ⁻¹ (0.1)
centi	c	10 ⁻² (0.01)
milli	m	10 ⁻³ (0.001)

Dr. Haas is associate professor of management in the School of Business. Some of the material in the preceding article is adapted from his book *Living in a Metric America*, which he wrote after several years' research into metrification in Europe, Great Britain, Canada, and the U.S. The book, priced at \$2.95, is available in Richmond-area bookstores. It also may be ordered by sending \$3.25 postpaid to Box 1004, Glen Allen, Virginia 23060.



A composer's complaint

By Paul Dorsam

You might not believe that a composer in my position could be frustrated. In a way, you're right. My teaching job at VCU, which I enjoy, is financially rewarding. My schedule allows me time for creative endeavors—library research, composition, preparation for classes—and other rewards enjoyed by most academicians. A positive reaction to a grant proposal, an offer to publish an article, and an honorarium given in a composition contest have all come my way. Yet, for some specific, even amusing, reasons I am frustrated over the state of affairs in the contemporary music world.

It took me from 1958 to 1974 to earn four degrees in music at an expense of, say, roughly \$40,000. That amount represents tuition costs, living expenses, money for professional needs, and the salary I might have earned had I gone directly into business.

Paying so much "dues," as it were, for an education and a license (i.e., the Ph.D.), one could hope he might find a happily-ever-after ending appropriate to his career. Well, that is not necessarily the case—at least it does not seem to be mine as I ponder the amazing events which have dominated modern music since about 1950.

Today, the serious-music scene accepts as music a piece by Lamont Young which requires the players to sound two notes (F-sharp and B) for forty-five minutes in a continuous drone-like fashion, sounding like a bagpipe player gone berserk.

In the fall of 1973, here at VCU, a work was performed by a music group known as The Kitchen Sink in which the players demanded that hay be fed to the piano for fear the instrument was hungry.

Musical compatriots accept concerts and recitals in which the players witness, or wish to witness, the destruction of their own instruments. Some even accept the possibility that injury may be inflicted upon the performers or audience. For example, a composition by Paik requires that the performer "creep into the vagina of a living whale." In another work of his, Paik assaulted a famous composer, John Cage, who was sitting in the audience by ripping off

Cage's clothes and giving him an unwanted shampoo.

Dick Higgins wrote a work which informs those who have come to hear his piece that "one antipersonal-type CBW [chemical biological warfare] bomb will be thrown into the audience." Some of these composers seem willing to use anything, even murder. They flirt with it often. Cage has impassionately told the world that "everything we do is music." One can only conclude that he believes that murder would be a musical experience. As a matter of fact, the extent to which composers will go took Pauline Oliveros, composer-still-at-large at San Diego State University, to the top of an elephant. As she sat on the elephant's back with her eyes closed and hands sensitively applied to where the animal's cerebellum might be, she explained this unusual activity by stating that the "training of musical consciousness is a large order."

The fire of another frustration of mine is only billowed-up by the moderns who seem to condemn nineteenth-century Romanticism as being too sentimental, emotional, and overly melodic (e.g., Wagner's *Tristan* and Tchaikovsky's *Sixth Symphony*). But, at the same time, they invest much time and mental energy in the task of developing catchy, highly romanticized titles: *The Shape of Silence* by Joyce McKeel, *The Aeolian Harp* by Henry Cowell, and *Skeleton's Don't Say Peek* by Daniel Lenz. Cage, Yannay, Mumma, Nilsson, Feldman, and Ashley have given us works whose titles run, respectively: *A Year from Monday*, *Houdini's Ninth*, *Mesa for Cybersonic Ban-doneon*, *Reaktionen*, *Viola in my Life*, and *Wolfman*. Whatever happened to *symphony*, *sonata*, *fugue*, *canon*, *binarium*, and *ternarium*?

There exists within the music world today two distinct compositional schools-of-thought. One of them, and the one to which I subscribe, acknowledges the past and has expanded upon the musical concepts developed by our forebears—Bach, Mozart, Beethoven, Brahms, Stravinsky, Bartók, and so on. The other school has all but denied its own heritage and has substituted for it introspective or Eastern philosophy, including Zen Buddhism,

which in effect destroys existing principles of musical logic.

But exactly what is music anyway? This question is a source of much, if not most, of my frustration over today's music scene. It would appear to me that music embraces that phenomenon whereby the final preconceived product, the composition, is wrought by a process of organizing tones into a logical structure having a beginning, middle, and end. It would be preferable to organize those tones in the familiar scale patterns developed by our Western culture, and to allow the triumvirate roles of the composer as creator, performer as interpreter, and audience as listener to remain distinct and intact.

In essence, music is not sound. It is *ordered* sound, based upon determined scalar and harmonic patterns and idioms. It makes a distinction between the roles of composer, performer, and listener. It is only an aural art form, not motor, theatrical, visual, or psychological. I would, therefore, describe opera not as a musical form, but as a theatrical form which requires music.

(I exclude from my definition electronic music, which bypasses the performer altogether. To me, music—that is, music as a fine art—is not just the organization of any sound, but only selected sounds. Sound, in a general sense, is not music—it becomes so only through the process of composition.

The electronic music produced by VCU's Dr. Loran Carrier is a worthy objective for artistic appreciation. His music is heartfelt, sensitive, and logical; nevertheless, I'd prefer not to call it music. A more appropriate term for it could be "electronic sound manipulation" or "sound architecture through electronic media."

Current musical jargon includes many new (and some old) terms that give names to certain phenomena in the music scene today. A quick list would embrace (1) antimusic (which includes, at least, nonmusic, danger music, biomusic, and happenings); (2) totally controlled music; (3) sound scapes; (4) multimedia; (5) indeterminant music (chance or random music, often employing dice games); and (6) spatial concepts of sound perception.

Antimusic, even by its own definition (that which is against or is not music), rules itself out. Why, then, do some musicians consider it music? Can you imagine observing several people equipped with contact microphones moving about a stage to the accompaniment of their own amplified body sounds? Such a "bio-music" performance was staged at VCU in 1975.

The category of *danger music*, an offshoot of antimusic, represents a truly awesome mystery to me. Why do intelligent artists allow such goings-on? At a Bennington College happening in 1962, Robert Whitman was covered with his own blood. An Al Hensen happening provoked a woman spectator to commit what appeared to be suicide.

Daniel Lentz, an advocate of danger music, has pronounced that "We are only cogs caught up in the immense musical-industrial complex." The parochial *we* he speaks of are only cogs if we do, indeed, abide by the dictates of "artist generals" and do not think for ourselves. As strange as it may seem, Lentz condemns his own newly developed instrument, the *synthesizer*. He equates its function with war machinery. "Do we need," he implores, "their [mankind's] incredibly scary antiballistic missile systems and synthesizers?" Yet, we find more antimusic slated for performance of one sort or another on the docket of next year's concert season.

Totally controlled music (a highly mathematically based technique) is well within my definition of music. The reward of this sort of compositional endeavor comes mostly from studying musical scores, since the performance of such music can be monotonous and unfathomable by aural perception alone. However, some of the sound sensations produced by this music can be quite enjoyable.

As long as sound scapes are complete compositional units created by man and not by nature, they are also part of a logical extension of what I would describe as the continued development of music from the past to the present. However, when R. Murray Schafer, a rather politically cautious musician, utters "The universe is your orchestra . . . let nothing less be the territory of your new paths," we find ourselves again going in circles—music is everything, everything is music.

Besides drawing pictures of natural sounds (yes, a picture of sound is now being considered music), some people are calling a certain kind of poetry (concrete poetry) music. For example, some critics, speaking of sound alone, have dubbed as music (sound scape) I. A. MacKenzie's poem in which the poet speaks of sound: "An object can be made which is colorful, makes sounds by itself . . ." To me, this is not even interesting as poetry, much less as music.

Opera can be described as a theatrical event which requires musical accompaniment. But it is not, in itself, music. (Multimedia art forms can invite the cooperation of a composer, but they are not musical forms.) As I stated earlier, opera is a conglomerate art form. Multimedia productions are not new. They can be traced to the Greek tragedies, mystery plays of the Middle Ages, ballets, and on up to today's football and Rose Bowl parade pageants.

Indeterminant, chance, or random music that is not preconceived as a developed structural unit falls outside my definition of music.

Indeterminant improvisation is another kind of intuitive, impulsive ordering of sounds which strays from the boundaries of preconceived musical architecture. Improvisation is certainly a musical activity, but it is more a psychological expression of self than a statement of structural logic. The remaining term, *spatial concepts of sound perception*, deals with how one hears a sound—whether close up or from afar, from the right or left, in the middle or off to the side. None of these ways of hearing sounds is rallying any new concepts of formal cohesion, at least not within the scope of music as defined here. Spatial concepts as a performance idiom are by no means innovative. They existed as early as the Gabrielli period of sixteenth-century Venice. I believe the composer should have no authority over where or how a person listens. His function is only to create structurally logical "sound-pieces."

Latley, the difference between music as entertainment and music as high art has become blurred. Music can serve to entertain people on festive occasions and as background for movies, television, variety shows, football games, commercial advertising. Light and cheerful music can also be a substantive area of entertainment as in the case of musical shows, jazz, rock and roll, etc. The goal of this sort of music is to *entertain* people, all people. Its essential purpose, therefore, is social, not intellectual.

Contrarily, music serves *high art* ("art for art's sake") when its sole purpose is the manifestation in sound of cohesive structural designs—such as in sonata, theme and variations, fugue, and ternary form. The goal, in this case, is to appeal to the listener intellectually, giving him experiences in perceiving these compositional designs in sound.

The purpose of a professional symphony orchestra, I would assume, is to give a learned audience an opportunity to experience musical forms embraced by symphonic compositions. Unfortunately, this is not always the case. Most symphony orchestras have succumbed to the dictates of the box office by programming music which only serves to entertain musically illiterate audi-

ences, or at least audiences which only listen passively. Such audiences desire the sensuous experience of being bathed in "technicolor sound scapes" without ever being interested in understanding the structural goings-on of the composition's architecture.

But most symphony orchestras play Mozart, Beethoven, and Brahms. Isn't that intellectual music and doesn't it entertain as well? Yes, of course. These composers have written music of a very high level, but they have been *dead* for generations. By now, most people who go to symphony concerts can listen to serious music which is 100 or 200 years old easily, but do they listen structurally? If not, they are only interested in music as entertainment or as decoration, not as *high art*.

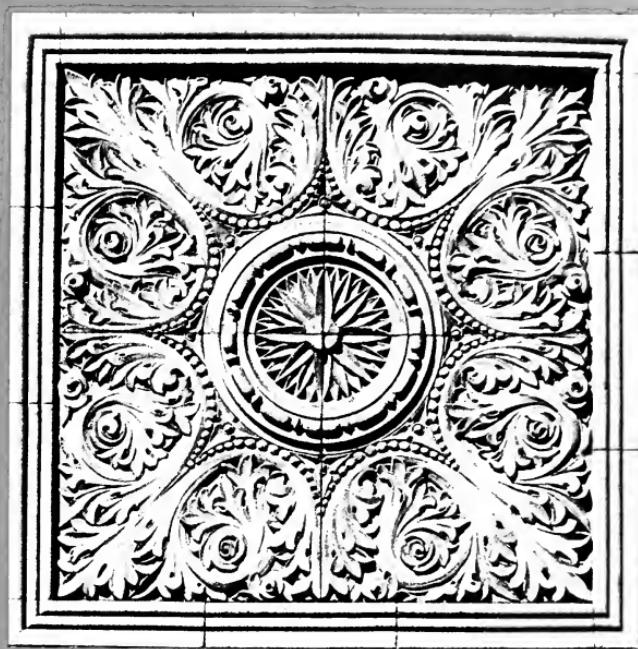
What about our own living composers? Composers are still writing symphonies, but do we give them a chance to be heard? No, we don't. Because of the box office, we find that Beethoven's Fifth Symphony is programmed instead of compositions by contemporary composers. Most audiences do not care for the style of contemporary harmony and rhythm, and therefore, symphony administrations, for fear of losing money, program mostly works of old masters. One offshoot, such as the symphony orchestra, programs predominantly old music, while, the vanguard group programs only a certain type of new music.

There is, however, another aspect of modern music. That aspect includes the music of VCU's resident composers. Their music, like that of many present-day composers, bespeaks an interest in continuing the development of music in the tradition of Stravinsky and Bartók, and deserves to be heard. Who has heard the symphonies or concertos of Jack Jarrett or John Heller? Well, they should be heard! Their music is superb, and what's more, they live here in Richmond. And they teach at VCU.

It is unfortunate that some of the most profound musical statements of our century are relatively unknown. What is more regretful is that they are not even mentioned in standard music history texts; while works which appear to be foolish, farcical fads, pretentious, and not music at all are receiving valuable space in textbooks and coveted performance time in major concert halls throughout our country. □

Compositions by Paul Dorsam, assistant professor of music, have been performed in both Canada and the United States. Before coming to VCU in 1973, he conducted the Vermont Philharmonic. He also has played trumpet with the Richmond Symphony and has toured with rock and jazz bands. Dorsam received his bachelor's and master's degrees from the New England Conservatory of Music. His doctorate was awarded by Boston University.

VCU ANNUAL FUND REPORT 1976-1977



VCU ANNUAL FUND REPORT 1976-1977



It is my pleasure to report to you that alumni and friends contributed a record \$194,708.59 to the 1976-1977 VCU Annual Fund, more than twice the amount donated during the preceding campaign. The number of alumni donors also increased—up 19 percent from 1975-1976.

The VCU Annual Fund represents a valuable source of income augmenting appropriations made to the university by the Virginia General Assembly. Since its inception six years ago, the fund has received nearly one-half million dollars in private support for programs on both the academic and the MCV campuses. Frequently, these gifts helped to make up the difference between state funding and the actual cost of providing quality education. For example, annual fund contributions have been used to sponsor educational workshops, lectures, and seminars; to purchase publications for classroom use; to sponsor visiting artists and executives-in-residence; and to provide scholarships and loans for deserving students.

On the following pages you will find listed the names of donors whose gifts were channeled through the VCU Annual Fund. To each of you, I express the sincere appreciation of the Board of Visitors, deans, faculty, students, administrators, and alumni volunteers.

But, despite our great pleasure with the past year's display of support, our needs continue to be great. If this university is to maintain its growth and development, private dollars will become increasingly important as VCU strives to meet its mission in the years ahead.

A handwritten signature in black ink, appearing to read "H. I. Willett".

H. I. Willett
Acting President

SUMMARY OF ANNUAL FUND TOTALS

Contributions to the 1976-1977 VCU Annual Fund totaled \$194,708.59, exceeding the previous year's figure by more than \$112,000, or 125 percent. The number of donors increased 42 percent. These sizable increases are due, in part, to new accounting procedures for reporting contributions to the university.

This past year alumni contributors increased 19 percent over the number who gave to the 1975-1976 fund. Seventy-six percent of all contributors were either former students at the Medical College of Virginia, Richmond Professional Institute, or Virginia Commonwealth University. Gifts from these alumni amounted to \$80,243.55, some 26 percent more than last year. Alumni gifts accounted for 41 percent of this past fund's total.

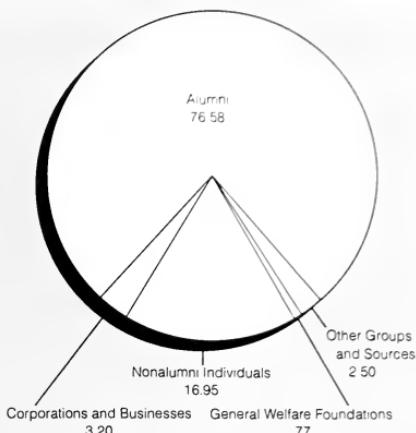
Nonalumni individuals, or friends of the university, gave \$72,309.64—more than one-third of the total—while comprising fewer than 17 percent of those who contributed. Corporations and businesses, including those companies which match the gifts of their employees through the Matching Gift Program, contributed \$13,682.50 for 3 percent of the sum. Twenty-one thousand dollars came from foundations, while the remainder—\$7,297.90—came from other groups and sources.

The accompanying table lists gift totals by purpose for the 1976-1977 VCU Annual Fund. Unrestricted gifts are those used where the need is greatest, as determined by the president and his advisors. Gifts listed in the miscellaneous category include those restricted to libraries, the MCV and RPI foundations, general scholarship and loan funds, certain memorial funds, and other designated purposes.

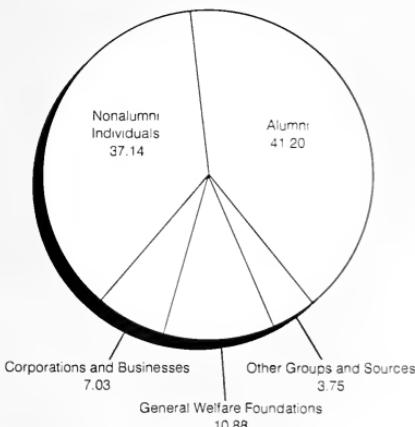
Gifts by Purpose

	Number	Amount	Percent of Total
Unrestricted	760	\$ 26,879.20	13.81
School of Allied Health	238	4,727.00	2.43
School of the Arts	104	2,377.77	1.22
School of Arts and Sciences	53	8,812.50	4.53
School of Basic Sciences	4	180.00	.09
School of Business	162	8,284.59	4.25
School of Community Services	16	280.00	.14
School of Dentistry	96	8,235.00	4.23
School of Education	72	1,947.00	1.00
School of Medicine	116	29,370.00	15.08
School of Nursing	261	11,229.03	5.77
School of Pharmacy	80	7,275.93	3.74
School of Social Work	151	3,812.21	1.96
Medical College of Virginia	108	5,380.00	2.76
Miscellaneous	533	75,918.36	38.99
TOTAL	2,754	\$194,708.59	100.00

Percentage of Contributors



Percentage of Total Contributed



VCU AND YOU

The VCU Annual Fund—now entering its seventh year—enables alumni and friends to support the areas of the university in which they are most interested. Gifts may be designated for use by campus, school, department, or fund. All contributions are used according to the donor's wishes.

While restricted gifts are applied as directed, many donors choose to leave the use of their contributions to the discretion of the president, who, along with his advisers, decides the university's areas of greatest need. The president may authorize these unrestricted funds be used to help meet expenditures not normally covered by state appropriations.

Donations may also be added to endowment funds held by the MCV Foundation or the RPI Foundation. Such gifts help to boost the foundations' annual endowment income, which supports many worthwhile programs and projects.

There are other benefits to be derived from contributing to the VCU Annual Fund. Besides the knowledge you have supported a good cause, there is the reassurance that a quality education will continue to be available in these days of rising prices and diminishing resources. In addition, there is another advantage—a personal one for many alumni. A gift—regardless of amount—to the Annual Fund automatically establishes active membership in one of four alumni associations: Academic Division, Social Work, Nursing, and Hospital and Health Administration. Active members benefit themselves and the university by being able to participate and vote in the affairs of their respective association.

Should you have questions concerning your annual fund gift or want to know other ways in which you might support the university, please contact:

Director of the Annual Fund
Virginia Commonwealth University
Richmond, Virginia 23284



ROLL OF DONORS

We sincerely appreciate and gratefully acknowledge the support of alumni, friends, corporations, and organizations who contributed to the 1976-1977 VCU Annual Fund. Their names are listed in the pages of this report. While we have made every attempt to assure accuracy in this roll of donors, we apologize for any omissions and oversights. If errors have occurred, we would appreciate their being called to our attention. Please report such information to the VCU Annual Fund, Virginia Commonwealth University, Richmond, Virginia 23284, or telephone (804) 770-7124.

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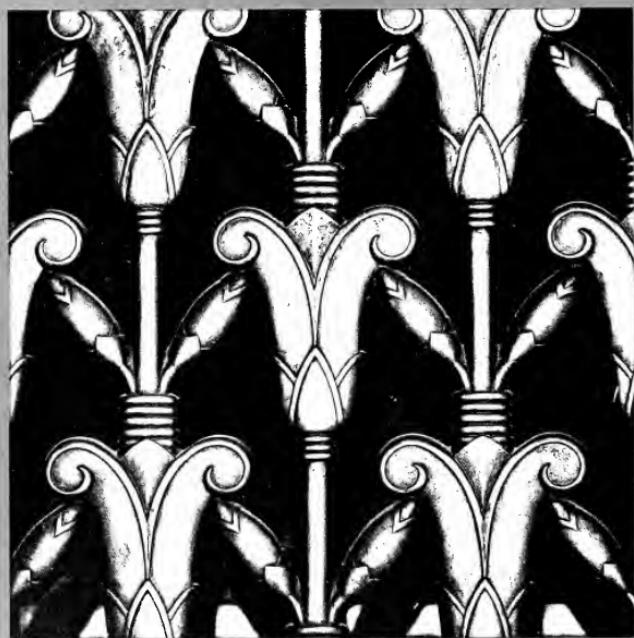
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Exercise: Treatment and preventive for heart attacks

Exercise—an activity usually associated with athletes, fitness fanatics, and weight-reducing regimens—is being used by some physicians to diagnose and even treat heart disease.

For more than two years now, Richmond-area doctors have been recommending that certain heart patients engage in an exercise program supervised and monitored by cardiac specialists at the Medical College of Virginia. At least three times a week, patients come to the cardiac rehabilitation laboratory, located on the second floor of MCV's West Hospital. There they exercise for nearly an hour. Their routines consist of a brief warm-up, six four-minute exercises spaced two minutes apart, and a cooling down period. The apparatus they use is relatively simple: a stationary bicycle, a treadmill, a hand crank, a shoulder-arm wheel, a gym wheel, and a one-step platform. The surroundings are modest, too—there is none of the chrome-plated

equipment and shag carpeting found in plush health spas. Instead, wires from an electrocardiogram machine snake across the tile floor to where electrodes are attached to the chest of each exercising patient. As the rhythmic movements are performed, the electrocardiograph records the patients' heart action. Should a heart begin to beat erratically, a cardiologist is at hand to examine the patient and provide appropriate care.

Before beginning the three-month exercise program, each patient is "stress tested" to determine his ability to exercise without endangering his damaged heart. Those approved for the program are then prescribed a regimen of activities which allows them to work at 85 percent of their maximum safe capacity. Periodically, the patients are retested to assess their progress, and as their physical capacity improves, their work loads are increased.

"It sounds perhaps a little bit radical to be exercising patients with heart trou-

ble," confesses cardiologist-in-charge George W. Vetrovec, M.D. But as he explains, "There is no better way to let them do it than in a controlled setting." Here, as in six other outpatient centers around the state, heart patients are exercising regularly in the safety of medically supervised cardiac rehabilitation programs. Eventually, twelve such reconditioning programs will be operating across the commonwealth, inspired in part by the success of pilot projects at MCV and in Norfolk.

Although cardiovascular disease is the country's leading cause of death, more and more Americans are surviving heart attacks. In fact, thanks to better medical care, some 75 to 80 percent of those leaving the hospital after an attack eventually return to their previous jobs. Some patients are disabled, but according to Vetrovec, "even those with some disability can do a lot more than perhaps they realize."

While heart patients traditionally have



Browning (right) jogs around Monroe Park with his colleague George Dintiman, Ed.D., chairman of the Department of Physical Education.



Vetrovec and a technician monitor the exercising patients' heart rate on an EKG machine.

led cautious, frightened lives devoid of strenuous activity, the new cardiac exercise programs utilize physical conditioning to return patients to as normal a life as possible. Within six to twelve weeks of a heart attack or coronary vein bypass surgery, patients embark on regimens designed to lower heart rate responses.

Simply stated, exercise conditioning allows the patient to do more work while lowering the heart rate response to such activity. This reduction in heart rate is particularly important to coronary patients, since heart rate is a major cause of increased myocardial oxygen need. Thus, exercise conditioning tends to improve the efficiency of the cardiovascular system.

Another important benefit of the exercise program is renewed self-confidence. "Many patients don't know what they can do," points out Vetrovec. Consequently, they are reluctant to exert themselves because they don't know what will happen to their hearts. This type of program, says its director, gives the patients some guidelines, while allowing them to resume many of the activities they enjoyed before illness struck. "In fact, some people leave this program in better shape than they were in before they had their heart attacks," claims Vetrovec. In addition, patients learn to check their own pulse, permitting them to monitor their heart rates while at home. From the exercise sessions, they know their own physical limits and when to reduce their activity levels.

Admittedly, such exercise reconditioning programs are not advisable for all heart patients. For instance, patients subject to heart failure or those suffering from serious heart-rhythm problems are screened out. The program accepts only those whom Vetrovec describes as "maxi-

mally medically managed"—meaning that the patients are already as well as they are going to get from routine medical treatment. "Then, at that point," says the physician, "it is reasonable to try to get them in better shape by exercising."

Yet exercise is only one aspect of MCV's program of *comprehensive* cardiac rehabilitation. Almost as soon as a coronary patient is admitted to MCV Hospitals, a multidisciplinary team of specialists begins a program "aimed at getting the patient back to the most functional life possible, both vocationally and recreationally, while at the same time improving his life-style with regard to risk-factor modification," explains Vetrovec.

As soon as he is well enough, doctors and nurses begin educating the patient as to what a heart attack is, how to use the prescribed medications, and how such risk factors as diet, high blood pressure, and cigarette smoking contribute to the incidence of cardiovascular disease. As the patient's condition improves, a physical therapist begins exercising the patient to combat physical deconditioning and depression associated with acute illness. Later on, a dietitian might give advice on the appropriate diet, while a vocational rehabilitation counselor prepares the patient to return to his old job, or else aids him in finding new employment or job training. Psychologists, chaplains, and social workers are also available to counsel patients, thereby supplementing the emotional support provided by the physicians, nurses, and other health care professionals. At the time of discharge, patients are given specific instructions regarding medication, diet, and exercise.

Should the instructions include physical reconditioning, patients return to

MCV several times a week to exercise. Once they complete the twelve-week program, they are encouraged to continue exercising on their own, employing the guidelines and techniques learned in the program.

Although there is no solid proof, scientific studies suggest that patients who exercise regularly have fewer recurrent heart attacks. Likewise, there is evidence that physically active people have fewer coronaries to begin with than their sedentary counterparts. Consequently, the American Heart Association recommends moderate exercise daily as one of the ways to reduce the risk of cardiac disease.

But exercise does more than stimulate the circulatory system, tone the muscles, and promote a sense of well-being. It helps to counteract several other conditions known to contribute to the occurrence of atherosclerosis. According to Fred M. Browning, Ph.D., an exercise physiologist teaching in VCU's Department of Physical Education, "Several risk factors are either directly or indirectly related to a person's activity level."

He points out, for example, that obesity, high blood pressure, and high concentrations of blood lipids (fatty substances in the blood) may all be reduced by a good fitness program. Many individuals, he says, find their weight easier to control and their blood pressure lower once they begin exercising regularly.

Signs posted in Browning's office warn of another factor contributing to the risk of heart and lung disease as well as cancer—cigarette smoking. Surrounded by reminders reading "Thank you for not smoking," "Be kind to nonsmokers," and "No smoking allowed in this room," Browning recounts the dangers inherent in smoking cigarettes, likening the habit to a form of "self-pollution." Among its ill effects, he lists constriction of the blood vessels and thickening of the artery walls.

When he came to VCU in 1973 from Florida State University, Browning was already convinced of the value of cardiovascular fitness. In fact, he was here hardly more than a year before he and John H. Horgan, M.B., an MCV cardiologist, instituted a program designed to train paramedical personnel in cardiac rehabilitation. By adding a new track to the existing master's degree program in physical education, the two professors developed an interdisciplinary course of study involving both the academic and the MCV campuses. Now, certain graduate students in physical education join medical students for lectures on cardiopulmonary physiology. They also observe MCV Hospitals' coronary care units, heart catheterization laboratory, and the open-heart surgery recovery room. In addition, they learn to adminis-

ter an electrocardiogram and the stress test, skills they apply while gaining experience in MCV's cardiac rehabilitation laboratory.

The program's first two graduates—Peter M. Abel and Steven R. Smith—both earned their degrees in 1976 and worked this past year in Richmond. Before entering medical school this fall, Abel wrote most of the exercise prescriptions for patients participating in MCV's cardiac reconditioning program. Smith joined the Virginia affiliate of the American Heart Association as coordinator of the comprehensive cardiac rehabilitation project. It is his responsibility to help establish a statewide network of twelve comprehensive cardiac rehabilitation centers. As of June, centers were already operating in six cities: Richmond, Norfolk, Blacksburg, Lynchburg, Danville, and Fairfax. Six more will open by June of 1978. Funds to create the centers are being provided by the heart association and the Virginia Department of Vocational Rehabilitation.

When it comes to exercise, Browning practices what he preaches. He jogs at least ten miles a week, and often more. During the spring and fall, his weekly average is closer to twenty-five miles. In winter, he supplements his jogging by playing basketball some five days a week.

Although the thirty-nine-year-old fitness buff now proselytizes the benefits of jogging with missionary-like zeal, he confesses that he did not always enjoy the healthy runs around the golf course near his home. "The first six months I jogged," says Browning, "I didn't believe it could be fun. But after I had been jogging regularly, it became just as much fun as playing racketball, paddleball, squash, tennis, or anything else. And it was something that I didn't have to have a dozen people to participate in. I could do it alone, or I could do it with one or two other individuals or a group."

The benefits to be derived from jogging—and other activities such as running, swimming, and cycling—lie in its aerobic effect upon the heart, lungs, and vascular system. By stimulating these vital organs for sufficiently long periods of time, beneficial changes begin to occur in the body. The lungs become more efficient, the heart more powerful, and blood vessels expand.

In contrast are the anaerobic exercises, such as pushups and weight lifting. Although these activities strengthen the muscles, they may actually occlude the blood vessels and reduce blood circulation, posing a potential hazard for people with high blood pressure and heart disease.

Before dashing into a fitness program, Browning advises those over thirty to first have a physical examination and an electrocardiogram. If the doctor ap-

proves, he recommends that one begin exercising at an easy pace and progress slowly.

"Start walking," says Browning. "Don't start jogging." He advised unconditioned beginners to walk the distance of a mile or two five times a week for the first two to three weeks. Then, as they become accustomed to the exercise, they can start jogging part of the distance, and eventually, the entire distance they used to walk.

One way of determining whether one is over-exerting himself while either walking or running is the "talk test." "You should be able to carry on at least a half-way decent conversation with someone while walking or jogging," states Browning. Another way of deciding whether you are getting the proper amount of exercise is how you feel when the exercise period is over. "Fifteen to thirty minutes after you have completed your workout you should feel very refreshed. If you feel tired and exhausted, then you overdid it. You've worked too hard for that day." If such is

the case, Browning suggests cutting back slightly on the level of activity.

To avoid injury to the legs and joints, the jogging enthusiast recommends that runners wear well-padded and properly fitting shoes. Buy only quality jogging shoes, he says, and wear one or two pairs of socks. The extra cushioning helps to prevent shin splints and knee problems.

Unlike many other physical activities, jogging imposes no age restrictions. One can jog at almost any age—provided he or she is in good health and progresses slowly. "Age is not a limit," says Browning. "You might jog a little slower as you get older, but the benefits are still there. It can help you maintain your weight and retain a certain amount of vigor and vitality in your life that you wouldn't have otherwise." □

To help you determine just how much exercise you need, Browning recommends the age-adjusted exercise programs outlined in The New Aerobics by Kenneth H. Cooper M.D. (Bantam Books, 1970, \$1.75).



Heart patients perform rhythmic exercises in the safety of MCV's cardiac rehabilitation.

'Bonds for a better life'

For nearly a decade now, university officials have talked about the need for a new building to house VCU's departments of music and theatre. To most the need was obvious. Studios, practice rooms, and a theatre had been fashioned from turn-of-the-century dwellings and a former church, later the Scottish Rite Temple, built in the pseudo-Gothic style of 1905. As the university grew, during the late sixties and early seventies, so did enrollments in drama and music. Eventually, the makeshift structures were taxed to their limit—overcrowded and unfit, according to fire and safety regulations.

By 1970, planning was already underway for a performing arts center to be located at the corner of Park Avenue and Harrison Street, site of "The Temple" and home for the theatre department since the mid-sixties. The architects—a Roanoke, Virginia, firm assisted by consultants from Boston—completed drawings and specifications for a \$2.5 million music-theatre complex in 1973. Shortly thereafter, the blueprints went into a drawer, and there they have stayed for most of the past four years.

Although legislators have generally conceded the need for the improved facilities, two biennial sessions of the Virginia General Assembly failed to find funds for the top-priority capital need on VCU's academic campus. Now the fate of the building rests with Virginia voters who on November 8 will be asked to approve bonds totaling \$86.5 million to finance twenty-six construction projects at nineteen public colleges and universities. Included in the bond package is \$4.2 million for the music-theatre building at VCU. Another \$1.5 million has been earmarked for erecting the first phase of a cancer research-treatment center at MCV.

Besides bonds for education, voters will also be asked to approve separately bonds for the state's correctional system (\$21.5 million), mental health facilities (\$4 million), parks and recreational areas (\$5 million), and port facilities at Hampton Roads (\$8 million). All of the construction projects, which total \$125 million, are of high priority and were selected by the governor and the General

Assembly from a backlog of capital needs amounting to more than \$350 million.

If voters approve the bond proposal for higher education, then VCU stands to gain its long-awaited instructional

shuffled about the campus.

For the duration of construction, the entire theatre department will have to squeeze into the Shafer Street Playhouse building, thus forcing the crafts department to move from the playhouse basement to quarters elsewhere. Razing the Temple also eliminates a cafeteria serving 300 students. To accommodate the extra diners, the university will have to enlarge its food service areas in the Hibbs Building. Plans also call for moving the bookstore from the basement of Hibbs to the basement of the Music Center, located at 1015 Grove Avenue. The Hibbs basement will then be remodeled as a rathskeller.

After these temporary inconveniences, the completed music-theatre complex will serve as a modern "laboratory" for the teaching of music and theatre. Two major performance halls—one seating a concert audience of five hundred and another four hundred—will share the center's main floor and lobby. Space for rehearsals, costume design, and a theatre workshop will be located on the ground floor; the backstage area will be devoted to set design. Music practice rooms and faculty offices will line both the ground level and the second floor, which will be connected to the Pollak Building next door.

According to Ronald B. Thomas, chairman of the Department of Music, the new building will prove to be an "absolute godsend." At present his department is scattered among four locations in the community. When the new facility is complete, music department functions will be centered around Howitzer Park, a green triangle between the new building site and the VCU Music Center, formerly Grove Avenue Baptist Church. The university purchased and renovated the church property earlier this year after the National Association of Schools of Music threatened to withdraw the department's accreditation because of inadequate facilities.

Even with the new building, the music department will continue to use the former sanctuary as a concert hall and the church school annex for offices, studios, and classrooms. With more than



MCV's cancer treatment-research facilities will be expanded if voters approve bonds.

building for music and theatre. If they don't, then that facility, as well as the MCV cancer center, may have to wait indefinitely for appropriations from general tax funds. And further delays will boost construction costs. Already, the price tag for erecting the four-story performing arts facility has risen almost one million dollars since plans were first drawn up four years ago.

Assuming that voters approve the November bond issue, it will still be the 1980-1981 academic year before the brick structure can be ready for use. First, the construction project will have to be put out for bid, possibly as early as March 1978. Then begins a round of "musical chairs" as departments and offices are

three hundred majors and fifty-six full- and part-time faculty, the department's facilities will continue to be stretched to the limit. Each year the department sponsors about a hundred thirty public performances, with as many as ten student and faculty recitals and concerts scheduled for the same location during some weeks.

The theatre department, too, stands to gain a modern facility for teaching acting and directing, as well as costuming, makeup, and set and lighting design. And once the department occupies its new quarters, the old Shafer Street Playhouse will undergo a much-needed renovation. Plans call for removing the fixed seating and remodeling the playhouse as an experimental theatre, enabling directors to stage, among other things, productions in the round.

The other part of the educational bond package of importance to VCU is a \$1.5 million item for the MCV Cancer Center. The state has proposed that bonds in that amount be issued to help fund a \$4.1 million addition planned for MCV's North Hospital (E. G. Williams). A private fund raising campaign is currently in progress to raise another \$2.3 million for the project.

By adding the four-story wing to North Hospital, MCV will be able to consolidate and expand its facilities for cancer research and treatment. For example, the radiation therapy department eventually will be able to handle an annual caseload of fifteen hundred patients, well above the number now receiving treatment in the department's outmoded basement location. The multidisciplinary joint cancer clinics will also be enlarged, permitting improvements in total patient care and rehabilitation services for outpatients. And, as the clinical facilities expand, MCV will be able to care for more and more cancer patients. This year alone, some 15,700 patient visits are expected at the joint cancer clinics, an increase of approximately 36 percent since the center was formed in 1974.

Two floors of the hospital's new wing will also be devoted to research, specifically as it relates to new methods of diagnosing and treating cancer.

During the summer, a statewide campaign for the \$125 million bond issue was organized by a group calling itself Virginians for Bonds, under the chairmanship of Preston C. Caruthers. The organization's purpose is to "inform voters why bond funding is needed and why it makes good economic sense." Supporters of the proposal state, for example, that "the basic question before voters in the November referendum will not be whether these urgently needed facilities should be provided, but whether they should be financed by issuing bonds or from the general tax fund." Proponents, including Governor

Mills E. Godwin, Jr., clearly indicate that financing these capital projects from the state's general fund will likely mean an increase in taxes.

Bonds are a sound business proposition, say advocates. They point out that the inflation rate in the construction industry in recent years has been approximately twice as high as the interest Virginia can expect to pay on the bonds. And, they add, despite all hopes to the contrary, it is unlikely that the inflation



VCU's theatre and music departments will gain a new \$4.2 million building if the educational bond issue passes in November.

rate will decrease substantially in the years ahead. "The bond issues," they say, "represent a realistic means for Virginia to provide these essential facilities now, and to do so in a responsible manner."

At this writing, in late July, little or no organized opposition to the bond proposals has surfaced. Proponents, however, are still preparing to impress upon voters the urgency of approving all five bond propositions.

They stress that the \$84.6 million bond proposal for higher education is necessary to relieve overcrowded classrooms,

libraries, and other facilities and to catch up with increasing enrollments. The State Council on Higher Education has estimated that enrollment in Virginia colleges and universities will continue to grow at least through 1987. A 23 percent rise in enrollment has been projected for the period 1976 to 1981, when it will begin to level off and grow approximately 5 percent between 1981 and 1987.

The second largest share—\$21.5 million—is designated for the state's correctional system. The number of inmates being committed to the system by the courts has grown sharply, from the total inmate population of nearly 6,000 when the present Department of Corrections was established in 1974 to approximately 7,400 in the spring of 1977. Temporary and permanent projects under construction will raise the system's capacity to 8,100 beds by 1978. But the best projections point to an inmate population of 10,700 within five years.

The bond proposals include \$4 million for mental health and mental retardation facilities. The bond proceeds will be used for land acquisition, site preparation, and plans for regional training centers near Fredericksburg and in the Winchester-Harrisonburg area for those who are mentally retarded.

Bond proponents are also asking approval of \$5 million in improvements at state parks and recreation areas. They say that hundreds of acres of state park lands lie idle because of insufficient funds to construct the buildings, roads, trails, and other facilities required to serve visitors. At the same time, once adequate parks are overcrowded and turn away visitors year after year. Should voters approve the park bond proposal, the state will receive an additional \$3.6 million in federal matching funds.

Finally, advocates are asking voters to approve \$8 million in bonds to improve port facilities at Hampton Roads. They say the significance of these bonds extends far beyond the Hampton Roads area. "Virginians employed in mining, farming, manufacturing, warehousing, and transportation rely in large measure upon the ports for their livelihood. Thus, the ports represent income-producing assets statewide in benefit, and create jobs, taxes, and increased economic activity which strengthen all of the commonwealth," they state.

Governor Godwin is serving as the proponents' main spokesman. On one occasion, while addressing the Amherst County Chamber of Commerce, the governor was quoted as saying: "Every single project in the \$125 million bond issue to go before our people in November is needed and . . . is needed now, not to build monuments, but to build better citizens and a better life, by providing those public services so vital to both." □

Did you know...

Hearts take wing

MCV's pioneering heart transplant team has recorded another advancement by transporting donor organs several hundred miles. In four recent transplants, donor hearts were flown to Richmond from as far away as Boston and Chicago. The first of these operations, performed on May 9, involved a heart removed from a donor in Indianapolis and rushed to MCV, where it was transplanted into fifty-five-year-old Bertel R. Anderson, of Newport News, Virginia. Anderson died June 8 after his body rejected the new heart.

Between July 22 and 28, the MCV team performed three more transplant operations involving hearts procured in Chicago, Philadelphia, and Boston. As this was written August 1, all three recipients—James P. Sernick, twenty-nine, of William Grove, Pennsylvania; Donald Pello, forty-one, of Philadelphia; and Corbert A. Lawrence, fifty-one, of Christiansburg, Virginia—were listed in satisfactory condition.

Doctors at MCV attempted the operations involving organs transported long distances only after several years of tests involving laboratory animals. The technique they have developed for preserving a heart involves placing the organ in a cold saline solution at 4° Celsius (39° Fahrenheit). The heart is then rushed to MCV where it is transplanted within four hours of removal.

This new capability has greatly enlarged the area from which donor organs can be made available. Heretofore, transplant operations generally depended upon the coincidence of an appropriate donor in the metropolitan area at the same time there was a potential recipient in the hospital. Now, suitable donors can be located almost anywhere in a fourteen state area served by the South-Eastern Organ Procurement Foundation, which was established to locate kidneys for transplant. The foundation's computerized network lists potential recipients and tissue typing information. Once a suitable heart donor is located, a transplant specialist flies to the donor's hospital and retrieves the heart immediately after his death. A chartered jet then returns the organ and the surgeon to MCV, where the transplant team stands prepared to perform the operation the moment the heart reaches the hospital.

As of the end of July, MCV personnel had performed eighteen heart trans-

plants, the first having occurred on May 15, 1968. Besides the three most recent recipients, two others survive: Arthur F. Gay, of Washington, D.C., and Jeannie Alexander, of Richmond. Gay has lived with his new heart for more than four and a half years. Alexander underwent transplant surgery almost three years ago.

Richard R. Lower, M.D., chairman of the division of thoracic and cardiac surgery, has led the team of physicians, nurses, and technicians performing sixteen of the heart transplant operations at MCV. The other two teams were led by Szabolcs Szentpetery, M.D., assistant professor of surgery. Lower and Dr. Norman Shumway, of Stanford University, originally developed the technique of heart transplantation in the sixties. The first human heart transplant was performed in 1967 by Dr. Christiana Barnard, who trained under Lower at MCV.

MCV is one of three centers in the country that perform heart transplants. The other two are at Stanford University and Columbia Presbiterian Medical Center, which performed its first heart transplant last February.

Advice for the home buyer

A twenty-two-page booklet offering advice to the prospective home buyer and the home seller has been written by James H. Boykin, Ph.D., the Alfred L. Blake Professor of Real Estate.

Twenty-five thousand copies of the booklet have been published and are being distributed through participating realtors statewide. The booklet has received the endorsement of the Virginia Association of Realtors.

The illustrated booklet includes topics such as how much the prospective home buyer can afford to pay for a home, assuming the existing loan versus obtaining a new loan, paying points or a higher interest rate, the best time to buy, home buyer warranties, closing costs, and selling through a broker or doing it yourself.

"This book is designed to serve as an easy, quick reference guide for the prospective buyer or seller. It's not designed to be a course in real estate law. But it covers key areas that are often puzzling to buyers and sellers," Boykin said.

"We felt this quick reference booklet could answer some questions and could help people avoid making needless

mistakes in what will be their biggest lifetime investment," he concluded.

Briefly

Grants and contracts awarded to Virginia Commonwealth University during the 1976-1977 fiscal year, which ended June 30, 1977, totaled more than \$16 million. That figure represents an increase of over 7 percent, or \$1 million more than received during the preceding twelve-month period. Fourteen million dollars of the total was awarded for research projects on the MCV campus, with the schools of medicine and basic sciences receiving the largest shares. Major portions of the \$2 million granted academic campus projects went for research involving the schools of community service and social work.

A new health sciences building planned for the MCV campus has received the endorsement of the State Council of Higher Education. The council is recommending that the next session of the General Assembly appropriate \$15.3 million for the priority facility should tax funds be available for college construction needs. Three million dollars has already been donated for the project by E. Claiborne Robins, a 1933 graduate of the School of Pharmacy, and his wife. The new facility will house the department of pharmacology and the schools of pharmacy, nursing, and allied health professions.

New deans have been appointed to head the School of the Arts and the School of Education. Murry N. DePillars, former assistant dean, has been named dean of the School of the Arts. He succeeds Herbert J. Burgart, D.Ed., who resigned to become president of Moore College of Arts in Philadelphia. DePillars came to VCU in 1971 as assistant dean for student affairs. He was appointed acting dean of the art school in 1976. Charles P. Ruch, Ph.D., former associate dean for the School of Education, has been named dean of that school. He succeeds Warren Strandberg, Ph.D., who resigned in order to return to full-time teaching duties at VCU. Ruch joined the university in 1974 as associate dean and was appointed acting dean last year.

Three new degree programs at VCU have been approved by the State Council of Higher Education. The council has agreed to the implementation of a Ph.D. program in social policy and social work.

Also granted were a Master of Fine Arts program in design and a Bachelor of Arts program in comparative and general literature. The new Ph.D. program, to be offered jointly by the School of Social Work and the Department of Sociology, plans to admit students for the term beginning in January 1978. The master's in design—to include three subspecialties: visual communications, interior environments, and photography and film—will be offered starting in the fall of 1978. The new bachelor's program, a cooperative arrangement between the foreign language and English departments, already has students enrolled.

Charles P. Caldwell, Jr., professor emeritus of hospital and health administration, died July 19 at his home in Northumberland County, Virginia. Cardwell, who helped to establish a school of hospital administration at MCV, was named director of MCV's hospitals division in 1947. He served as vice-president and director of hospitals from 1962 to 1967, when he was appointed vice-president for develop-

ment and community relations. He retired in 1969. Alumni of the Department of Hospital and Health Administration established an annual lectureship in his honor in 1973.

Marion M. Junkin, associate director of the art school from 1934 to 1941, died in Lexington, Virginia, on June 18. After leaving RPI, Junkin went to Vanderbilt University, where he founded the art department. In 1949 he returned to his alma mater, Washington and Lee University, and established its fine arts department, which he headed until 1968.

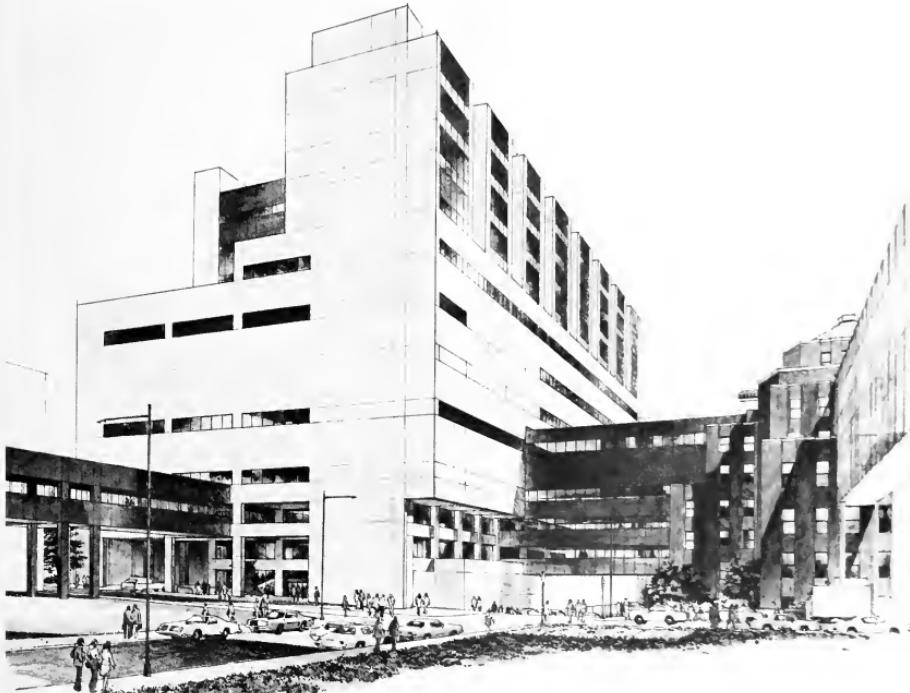
Emeritus status was awarded to the following six faculty members who retired during the summer: Charles A. B. Foster (1946), professor of arts and sciences; Malcolm L. Murrill (1948), associate professor of mathematical sciences; Margaretta R. Newmann (1952), associate professor of social work; Reno R. Porter (1946), professor of medicine; William T. Ham, Jr. (1948), professor of biophysics; and George J. Cunningham (1968), professor of pathology.

1977-1978 Basketball Schedule

Nov. 25-26	<i>Spider Classic</i>
Dec. 3	Western Carolina University*
5	Southeastern University**
8	Methodist College**
13	Georgia State University*
17	Old Dominion University*
20	Samford University*
28-29	<i>Coliseum Invitational</i>
Jan. 2	Boston University**
5	at North Carolina A&T State
11	James Madison University*
14	at Georgia State
16	at Western Carolina
21	University of Richmond*
25	Atlantic Christian College**
28	at James Madison
Feb. 1	at William and Mary
4	at Wright State
10-11	<i>Times-Dispatch Invitational</i>
16	UNC-Charlotte*
22	at Old Dominion
24	at Samford
28	Randolph-Macon College*

*Richmond Coliseum

**Franklin Street Gymnasium



Ground was broken June 20 for the \$110 million hospital and renovation project underway at MCV. The site, as viewed in the architect's drawing above, is located on the north side of Marshall Street between Twelfth and Thirteenth streets. The hospital is to be completed in 1981.



You can get here from there

Visitors to VCU have often complained of one common problem: they couldn't find the place. Now, thanks to new signs erected on Interstate 95, city streets, and university property, it is actually possible to locate the MCV and the academic campuses with relative ease.

For some three years, the university's Department of Visual Education, located at MCV, has been working on a signage system designed "to help people find where they want to go on either of the two campuses. A second priority," says Melvin C. Shaffer, director of the department, "was to help identify the university area for the benefit of the public and the students." Another consideration was to remove the visual clutter created by too many signs in some areas.

Before the university adopted its new

policy governing signs, there was no system, just signs. Shaffer explains: "Signage had been done here on a requisition basis. That is to say, if somebody conjured up the need for a sign, he hauled out his requisition pad and ordered a sign and put it up."

The result was often "a disaster," says Shaffer. He cites as an example one area where there was "a sea of green and white signs that you couldn't possibly read. They were self-defeating. You didn't know which one to read."

By late spring workmen had begun removing virtually every sign on campus and installing attractive new ones that met rigid standards of design and construction. But before the new signs could be ordered, they had to be approved, first by the late president T. Edward Temple and provosts Francis J. Brooke and M. Pinson Neal. The new signage system was then endorsed by the Board of Visitors' property commit-

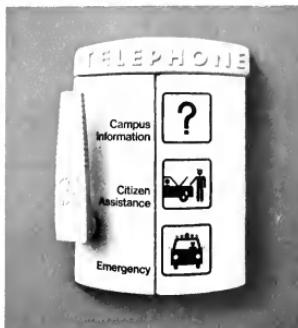
tee and the state art commission. Along the way, the plan also had to be approved by the state highway department and the City of Richmond's zoning board and traffic engineering department.

It took some fifteen months just to design the signs and another nine months to have them manufactured. "Signage, as we discovered, is one heck of a problem," confesses Shaffer. "It is not just a matter of putting a name on a building. It is a whole concept."

After an outside consultant failed to develop a workable signage system for the university, the project was turned over to Shaffer and the visual education department. Two 1975 graduates of the Department of Communication Arts and Design—Greg Schaele and Carole Peter—were hired to direct the signage project.

Schaele and Peter began by analyzing the problem and talking to people both within and without the university about

Photographs by Bob Strong



signage needs and requirements. A consultant, Frank Knowles, with Architectural Graphics, of Norfolk, helped with the organizational aspects of the signage project. Then they spent hours, even weeks, at their drawing boards developing a system that would not only meet all of the requirements, but also blend in with architecture of both campuses. Model signs were fabricated to their specifications and tested in various locations. Next, they wrote a detailed signage manual setting forth the standards for all signs erected at VCU.

Once the signage system had been approved and adopted, bids had to be taken on the manufacture of the signs. The contract for \$57,000 was eventually awarded to a firm in Cleveland, Ohio. Nine months later the signs began arriving in Richmond.

By that time, in late spring, Schaal had been given another assignment—supervising all of the artwork in the

visual education department—and Peter had completed designing an interior signage system for university buildings. Two more people—Stephen Chovanec and Susan Deihl, both 1976 graduates of the School of the Arts—had also joined the staff. Their assignment is to help implement the interior signage project.

New interior signs—165 of them—have already gone up in two emergency room areas at MCV Hospitals. Next will come the hospitals' x-ray areas, followed by the newer buildings on both campuses which, until now, have lacked any signs at all. Eventually, every university building will have the same uniform system of signs.

The exterior signs now in place guide visitors to VCU from the outskirts of Richmond. New signs have been erected on Interstate 95 marking the proper exits for the MCV campus and the academic campus. Thirty "trailblazer" signs line the routes from the highway to the

university. Located on the peripheries of both campuses are twelve-foot-tall signs directing vehicular traffic to parking areas, and pedestrians to major buildings or locations on that campus. An arrow also points the way to a campus information directory and map dispenser. Smaller signs identify buildings and parking areas.

The signs are color-coded according to audience and building function. Chartreuse signs are used to mark hospital emergency facilities. Dark blue signs identify hospitals, while educational facilities are labeled in brick red. Olive green is reserved for parking areas. General information and the university seal appear in dark brown, as do the structural supports for the signs.

The new signage system not only serves the useful function of identifying university property, but also helps to unify and establish a common identity for VCU and its two campuses.

Whatever happened to...

If you take a new job, get a promotion, earn another degree, receive an honor, or decide to retire, share the news with us, and we will pass it along to your classmates via the "Whatever happened to . . ." section. Please address newsworthy items to: Editor, VCU Magazine, Virginia Commonwealth University, Richmond, Virginia 23284. The items below were reported to the Alumni Activities Office between March 15 and July 15, 1977.

1910s

Eastern Virginia Medical School honored Harry Harrison (M.D. '11) in April at a Doctors' Day ceremony at the Chrysler Museum in Norfolk. Harrison, who is credited with revolutionizing anesthesia in Norfolk, introduced nitrous oxide (laughing gas) in the years before World War I.

1920s

Charles M. Caravati (M.D. '22), professor emeritus of medicine, has been elected president of the MCV Foundation, which receives and administers bequests, endowments, and gifts for MCV. He is also the author of the recently published book *Medicine in Richmond, 1900-1975*.

Harry Lyons (D.D.S. '23), former dean of the School of Dentistry at MCV, has been elected to the Board of Governors of Tel-Aviv University. The Israeli university has also established a chair in its dental school named in his honor.

The Board of Supervisors of Washington County, Va., declared May 25, 1977, as Hunter Wolfe Day, in honor of Hunter G. Wolfe (M.D. '28), who has practiced medicine forty-nine years in Abingdon and Washington County.

1930s

F. Jason Crigler (M.D. '33), of Charlottesville, Va., has retired from the University of Virginia, where he served as clinical assistant professor of ophthalmology for twenty-six years. He became an instructor of ophthalmology at the medical school in 1939.

Alice Roberts Blank (certificate, art '35), of Savannah, Ga., is president of Gallery 209, a cooperative of thirty area artists and craftsmen.

Elizabeth Booker Gregory (certificate, social work '38) writes: "I retired from my position as a field service worker with the Virginia Public Welfare Department in 1972, and I am working part time as a social work consultant at Twin Oaks Convalescent Home, South Boston, Va., where my husband and I now live."

Dorothy G. Jones (M.S.W. '38), of Rock Hill, S.C., is the coauthor of a new textbook *Community and Community Development*, published in 1976 by Mouton Publishers.

Lillian Kelly Rivera (St. Philip nursing '39) is administrative nursing supervisor of Kings County Hospital, located in Brooklyn, N.Y.

1940s

Floyd A. Robertson, Jr. (B.S. pharmacy '43) has been elected board chairman of the Virginia Retail Merchants Association. He lives in

Lynchburg, Va.

Christian F. Siewers (M.D. '44) was named North Carolina's Outstanding Physician of the Year by Governor James Hunt. Siewers has discontinued his private practice in orthopedic surgery and is now medical director of the new Southeastern Regional Rehabilitation Center in Fayetteville, N.C.

Margorie Berryman Adams (St. Philip nursing '46) is a community health nurse in Baltimore, Md. She previously served for many years as a general staff nurse at the Wilmer Institute of Johns Hopkins Hospital.

Last February Harold E. Wilkins (M.D. '47) was elected president of the Federation of State Medical Boards of the U.S. Wilkins lives in Downey, Calif.

1950s

E. G. Bowles Company, a Richmond-based construction firm, announced in March that R. Clifton Boyd, Jr. (B.S. general business '50) had been elected vice-president of operations. He joined the company in 1975.

Nathan Bushnell III (M.H.A. '51), former president of Blue Cross and Blue Shield of Southwestern Virginia, is now administrator of Westminster-Canterbury House, a retirement facility in Richmond.

Thomas W. Rorrer, Jr. (B.S. pharmacy '52), president of People's Pharmacy at 1544 West Main Street in Waynesboro, Va., has been elected chairman of the State Board of Pharmacy. The board regulates the practice of pharmacy in Virginia, including the licensing of pharmacists. He was appointed to the five-member board by Governor Linwood Holton for a five-year term ending in 1978.

Betty Moss Collier (certificate, fashion art '53), of Richmond, has formed an advertising agency in partnership with former classmate Betsi Sutherland Griffith.

James V. Morgan (B.S. pharmacy '53), a pharmacist in Gloucester, Va., is chairman of the community gifts division for the \$500,000 capital funds campaign for Walter Reed Memorial Hospital in Gloucester. He also serves on the hospital's advisory board.

Guy E. Webb (B.S. sociology '53), past-president to the VCU Alumni Association (Academic Division), was erroneously identified in the summer issue of *VCU Magazine* as an assistant vice-president of Life Insurance Company of Virginia. Webb, a Certified Life Underwriter, is actually vice-president of marketing for Life of Virginia. He joined the company in 1959 and was named director of marketing in 1975. He formerly was a partner in Horsley, Williams and Webb.

Nancy Mitteldorf (B.S. sociology '54), of Richmond, has been promoted to assistant vice-president and equal employment opportunity coordinator for United Virginia Bank.

Roderick D. Sage (intern '54) has practiced dermatology in Reno, Nev., since 1958. He writes: "We still enjoy our occasional visits to Richmond and marvel at the changes at the medical college."

Robert L. Beamer (B.S. pharmacy '55; M.S. pharmacology '57; Ph.D. pharmaceutical chemistry '59) has taken a sabbatical leave from

the University of South Carolina College of Pharmacy, where he has taught biochemistry since 1959. He is presently doing research in enzymology at Cornell University Medical College in New York City.

John G. Royster, Jr. (B.S. business '55) was a candidate for the Virginia House of Delegates from the city of Richmond in the Democratic primary last June. Royster is regional manager for the General Cable Corporation. His wife, Elizabeth Simpson Royster (B.S. physical education '54; M.Ed. special education '71), is a physical education instructor at VCU.

Barbara Harding Sant (B.F.A. art education '57) teaches art at Emporia (Va.) Elementary School.

Martha Harris (M.S.S.W. '58) works for the Guilford County (N.C.) Department of Social Services. She lives in Greensboro.

H. Philip Gibb (B.S. pharmacy '59; M.H.A. '70) is administrator of Gulf Coast Community Hospital in Panama City, Fla.

Eugene H. Hunt (B.S. business '59; M.S. business '61), associate professor of management in the School of Business at VCU, has been elected president of the Richmond chapter of the Administrative Management Society.

Kenneth L. Psillas (D.D.S. '59) is president of the Eastern Panhandle Dental Society, of West Virginia.

Philip Redman (B.F.A. art education '59) is employed by the Chesterfield County (Va.) School System. In 1972 he earned an M.Ed. degree from Virginia State College, where he is also completing requirements for a graduate degree in guidance and counseling.

1960s

Robert L. Stephenson (B.S. social science '60) is promoting a case method septic tank percolation system for a High Point, N.C., firm.

Edwin L. Williams II (M.D. '60), a surgeon at Lewis-Gale Clinic in Roanoke, Va., has been named president-elect of the Roanoke Academy of Medicine and assistant clinical professor of surgery at the University of Virginia.

William D. Cushman (B.S. applied psychology '61), of Richmond, a management consultant, is vice-president of Organization Development Consultants. He was a speaker in VCU's Management Center lecture series last spring.

Carolyn Polus Handzel (B.F.A. interior design '61), of Dolton, Ill., is vice-president of Handzel's, Ltd., Design Galleries, a design shop featuring decorative home accessories and specializing in wall decor.

John M. Turner III (M.D. '61) is president of the medical staff at Southside Community Hospital in Farmville, Va.

Richard L. Meador (B.S. business '62), vice-president of E. W. Barger and Company, has been elected to the board of directors of First Virginia Bank of Augusta. He and his wife, the former Margaret Zeigler (fine arts '62), reside in Waynesboro, Va.

Benton Wahl (M.H.A. '62) is health commissioner for the Warren County (Ohio) Combined Health District, headquartered in Lebanon, Ohio.

Clifford L. Brown (B.S. business '63) has

been appointed Richmond manager of management systems at Philip Morris U.S.A. He was previously controller of the American Safety Razor Company, a division of Philip Morris U.S.A. He and his wife and family reside in Midlothian, Va.

In March Harry E. (Woody) Eney III (B.F.A. drama '63; M.F.A. drama '65) had a production of his play *Spengali Was a Lady!* showcased at the Informal Theatre at Lincoln Center for the Performing Arts. He appeared in the Phoenix Theatre's off-Broadway production of *G.R. Point* in April. Eney lives in Manhattan.

Lou Loental Hanks (B.S. applied psychology '63; M.S. rehabilitation counseling '68) works as an administrative assistant in the Division of Youth Services, Virginia Department of Corrections. In November 1976, she received a certificate of recognition from Governor Godwin for her contributions to two state agencies: the Division of Justice and Crime Prevention and the Department of Corrections.

United Virginia Bankshare has named **Thornton Bell III** (B.S. accounting '64; M.S. business '75) a vice-president and regional auditor. He joined the bank holding company in 1972 as senior auditor. He lives in Richmond.

Mary Ann Brockmeier (B.S. elementary education '64), of Tampa, Fla., is attending the University of South Florida, where she is working on a master's degree in library science.

G. David Eddleman (M.M. '64) has had eleven of his own choral compositions published within the past year. He lives in Rockaway, N.J., and works for Silver Burdett Company as senior editor of music publications.

Donald S. Good (M.H.A. '64), a lieutenant colonel in the U.S. Air Force, is chief of operation plans and health care delivery for the office of the Surgeon General in Washington, D.C. Last fall he was named a fellow in the American College of Hospital Administrators.

Stephen J. Lux (B.S. business '64), a senior vice-president and controller of First and Merchants Corporation, has been named president of Equitable Leasing Corporation, an affiliate of F & M. Equitable Leasing is a general equipment and automobile leasing company with offices in Richmond, Denver, and Charleston, W. Va.

Raphael Stephens III (B.S. sociology and social welfare '64; M.Ed. special education '69) is director of housing at Longwood College in Farmville, Va. He is married to the former Anita Hening (B.S. recreational leadership '67).

Julian W. Banton (B.S. business '65), executive vice-president of the Bank of Virginia, has been named president and chief executive officer of the Bank of Virginia International. Banton, who joined the bank twelve years ago, had been executive vice-president in charge of the commercial division since 1974.

Lance Berkowitz (B.S. pharmacy '65), president of Budget Optical, a chain of optical stores in Maryland, testified before the U.S. Senate Subcommittee on Small Business. The committee, chaired by Senator Gaylord Nelson, of Wisconsin, is investigating the high cost of optical services. Berkowitz told of his firm's consumer-oriented stand in attempting to lower eyeglass prices.

Guy R. Davis (B.S. sociology '65; M.Ed. supervision '77), varsity basketball coach at Henrico High School, was assistant coach for the boys' basketball team from Richmond which competed in the U.S. Youth Games held August 11-15 in New Haven, Conn.

Rodney Sager (B.S. business management '65), a former federal prosecutor, was a candidate for Richmond commonwealth's at-

torney in the June 14 Democratic primary. Sager was senior assistant U.S. attorney in Richmond when he resigned in 1976 to enter private practice.

Harvey H. Shiflet (D.D.S. '65) has a Virginia Beach, Va., dental practice, which employs five dentists and three hygienists. He also is largely responsible for developing the Virginia Beach Racquet Club.

Stanley D. Sweeney (B.F.A. communication arts and design '65) has been promoted to vice-president, associate creative director, at W. B. Doner and Company Advertising agency in Baltimore, Md. He and his wife, **Arlene Brown Sweeney** (B.S. sociology '65), live in Fallston, Md.

Ronald Rose (B.F.A. art education '66; M.F.A. '68) exhibited his paintings at Scott-McKennis Gallery in Richmond last spring. Rose has also exhibited his work at the Virginia Museum, the Richmond Jewish Community Center, and the Nicholson and Corcoran galleries in Washington, D.C.

Rudy Shafelord (B.M. composition and organ '66), Gloucester County, Va., poet and composer, spent the month of May as a resident scholar at the Rockefeller Study and Conference Center in Bellagio, Italy. He did research on the Italian composer Luigi Dallapiccola (1904-1975) and composed a commissioned work for trumpet and organ.

Susan Griswold Brown (B.F.A. art '67), of Petersburg, Va., is chairman of the art department at Richard Bland College.

In February **James L. Farley** (M.H.A. '67), executive director of Pleasant Valley Hospital in Point Pleasant, W. Va., was named recipient of the Robert Hudgins Award, sponsored by the Hospital and Health Administration Alumni Association and awarded by the American College of Hospital Administrators. The award recognizes Farley as the nation's outstanding young hospital administrator of the year.

Rebecca Smith Mushko (B.F.A. drama education '67) teaches drama and English at James Madison Junior High School in Roanoke, Va. Last May 12 she was a panelist at the University of Kentucky for a live telecast on the use of video equipment in the classroom. The program was beamed by satellite to teachers at a dozen centers in the Appalachian region.

W. D. Richards (resident '67) practices psychiatry in Lynchburg, Va., where he specializes in family therapy.

Works by **Nancy Camden Witt** (M.F.A. sculpture '67) and her husband, **Jack Witt** (M.F.A. '67), were exhibited in Roanoke, Va., in March. He teaches part-time at Randolph-Macon College in Ashland, Va., and at Saint Christopher's preparatory school in Richmond. The Witts live in a former gristmill near Ashland.

B. Diane Vargus Briggs (B.S. occupational therapy '68), formerly of Winston-Salem, N.C., is now an occupational therapist at Rancho Los Amigos Hospital in Downey, Calif.

LaDonna M. Rowland Cohen (B.S. occupational therapy '68) recently earned a Master of Science degree in occupational therapy from Colorado State University. She now lives in Minnetonka, Minn.

Steve Doring (B.S. social welfare '68; M.S. rehabilitation counseling '75) was appointed executive director of the New River Valley Council on Alcoholism in Radford, Va. N.R.V.C.A. provides service to the Fourth Planning District, which consists of Giles, Montgomery, Pulaski, and Floyd counties and the city of Radford. The council is composed of an outpatient facility in Radford and a half-way

house for male alcoholics in Pulaski County.

Clifford Earl (B.F.A. '68), of Glen Allen, Va., served as artist-in-residence at Essex High School in Tappahannock, Va., for two months. He also received a \$2,000 fellowship for sculpture from the National Education Association and the Southeastern Center for Contemporary Art.

Thomas M. Fine (B.S. sociology and social welfare '68) has joined the Peoples Bank of Hanover County (Va.) as chief executive officer and executive vice-president. He has also been elected to the board of directors. Fine was previously vice-president and manager of Southern Bank and Trust Company's Carytown Banking Center in Richmond. He was instrumental in the formation of the Carytown Merchant's Association.

Jane Ratcliff Hill (B.S. physical therapy '68; M.S. physical therapy '74) has been appointed director of physical therapy clinics at MCV. She received a doctorate from Union Graduate School in 1976.

Meredith Hodgkinson Hunt (B.S. elementary education '68) teaches drama at Salem Church Junior High School in Chesterfield County, Va.

Gail S. Johnson (B.S. nursing '68) was named Waynesboro (Va.) Community Hospital's "outstanding nurse" at a tea and "This Is Your Life" program held in her honor.

Roger L. Snapp (M.H.A. '68) is administrator of the El Dorado Medical Center in Tucson, Ariz.

Conway H. Spiers (B.S. accounting '68) has been elected vice-president for finance and treasurer for Blue Cross and Blue Shield of Virginia. He has been with the firm for eight years and was director of finance prior to his latest promotion.

Mid-America Nazarene College in Olathe, Kan., announced in April the promotion of **Jim Ackerson** (M.S. distributive education '69). Ackerson, Title III coordinator, was promoted to business manager. MANC is the largest private college in Kansas.

A dozen silk-screen prints by **Jane Aman** (M.F.A. printmaking '69), of Richmond, were exhibited in March at Richard Bland College, where she teaches. Two of the prints earned her a Certificate of Distinction in the 1977 Virginia Printmakers show at the Virginia Museum. The award entitles her to a one-artist show at the museum during the next two years.

Thomas E. Baker (A.S. law enforcement '69; B.S. social welfare '70; M.S. rehabilitation counseling '75) and his wife, **Jane Piland Baker** (B.S. elementary education '74), live in Moscow, Pa. Jane is a preschool teacher in Scranton, Pa.

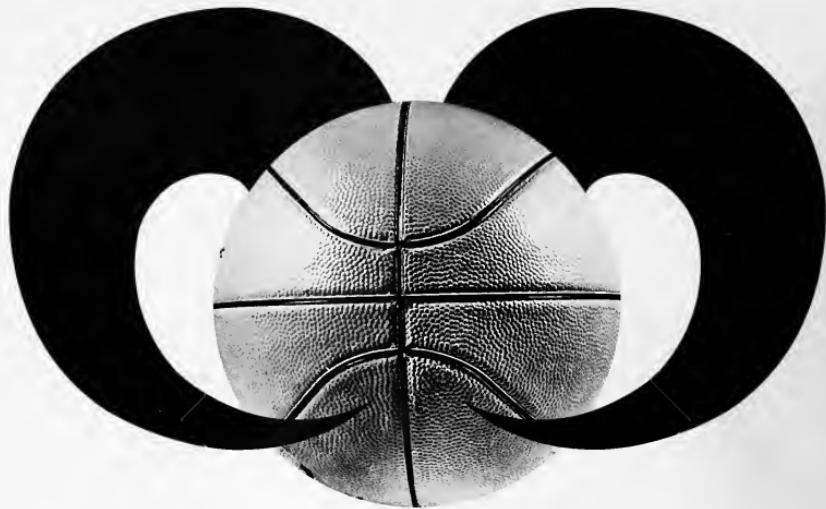
Beatrice W. Bush (B.F.A. dramatic arts and speech '69) directed *Don't Bother Me, I Can't Cope* at Richmond's Haymarket Dinner Theatre last spring.

Stephan M. Cooper (intern '69) joined Mercy Hospital in Des Moines, Iowa, July 1 as a staff radiologist.

Gregory Dondiero (B.S. general business '69) is the china and glass buyer for G. Fox and Company, the largest department store in Connecticut. He lives in Rock Hill, Conn.

Douglas M. Dwyer (A.S. electrical-electronics '69; B.S. accounting '73) joined the Virginia Department of Management Analysis and System Development as a computer programmer trainee last December. In March, he was promoted to a programmer. Richmond is his home.

David C. Elmore (B.S. accounting '69), an audit manager with Arthur Andersen and



GO GET 'EM RAMS

If you thought last year's basketball season was exciting, wait until you see what Coach Dana Kirk has in store for 1977-1978. Four freshmen recruits and a junior college transfer will be joining Kirk and returning Rams for the twenty-six-game season that begins November 25.

For their opener, the Rams will meet the College of William and Mary in the

Spider Classic at the University of Richmond's Robins Center. Other teams playing in the tourney are Saint Joseph's College (Pa.) and the U of R.

The Rams will host the first Richmond Coliseum Invitational on December 28 and 29. Participants will include Virginia Union, Norfolk State, and East Tennessee.

First-round pairings in the *Times-Dispatch* Invitational Tournament, Feb-

ruary 10 and 11 at the Richmond Coliseum, have VCU facing Virginia Tech and the University of Richmond meeting the University of Virginia.

All regular season home games will be played at 8:00 P.M. except the game with Richmond on January 21, which will begin at 2:00 P.M.

Plan to support the Rams for another season of exciting college basketball.

1977-1978 VCU BASKETBALL TICKETS

Please print

Name _____

Address _____

City _____ State _____ Zip _____

Home Telephone _____ Office Telephone _____

Payment plan

____ Check enclosed payable to VCU Athletic Department

____ BankAmericard/VISA Number _____

Expiration Date _____

Signature _____

Send order to: Ticket Office, 819 West Franklin Street,
Richmond, Virginia 23284

	Number	Price	Amount
Season Ticket (all 12 home games)		\$36	
Season Ticket (8 Coliseum games)		\$28	
Coliseum Invitational Tournament		\$10 \$8 \$6	
Times-Dispatch Invitational Tournament		\$20 \$16 \$12	
Handling and Mailing		\$ 1	
Total		\$	

Company, has returned to the company's Washington, D.C., office after a three-year assignment in Melbourne, Australia.

Kathleen McGowan Guinn (B.S. psychology '69) has been appointed director of the Cannery Industry Affirmative Action Trust in Oakland, Calif. Kathi, who received her M.A. degree in industrial relations from St. Francis College in Loretto, Pa., in 1975, administers a \$5 million trust fund used to finance several affirmative action programs in northern California's canning industry. Kathi's husband, **Stephen L. Guinn** (B.S. psychology '70), is pursuing a doctorate in clinical psychology at the Psychological Studies Institute in Palo Alto, Calif.

Barrie L. Jones (B.S. business management '69) has been named corporate vice-president of the Public Relations Institute. He previously served as public relations director for the firm's Richmond office.

Alan Markowitz (M.H.A. '69) is director of marketing for Brookwood Medical Center in Birmingham, Ala.

William S. Miller, Jr. (B.S. accounting '69) has been named controller of Heritage Savings and Loan Association. He joined the Richmond firm in 1976.

Richard A. Nunnally (B.S. advertising '69; M.Ed. adult education '75) is employed by the Virginia Tech Extension Service as an extension agent and unit chairman for the Chesterfield County office.

Harvey Tillipman (M.S.W. '69), a former mental health planner in Minneapolis, Minn., is now executive director of Siouxland Mental Health Center in Sioux City, Iowa. He also teaches at the University of Iowa, where he is an assistant professor in the graduate school of social work.

H. Taylor Yates, Jr. (M.D. '69) has established a practice in Saint Albans, Vt., specializing in pediatrics and adolescent medicine.

1970s

From Gretchen Schroeder Beck (B.F.A. fashion illustration '70): "After working in the art department of Simplicity Pattern Company in New York City, I returned to school. In May I graduated *summa cum laude* from the Fashion Institute of Technology with an A.A.S. in fashion illustration. I am now working as an illustrator and designer for Pronto Sportswear in New York City."

Edward N. Caniden IV (B.F.A. painting and printmaking '70) is a realtor associate with the Richmond realty firm of Sturm and Dunnington.

Donald W. Dew (M.S. rehabilitation counseling '70) is director of training and research utilization at the George Washington University Research and Training Center. He holds the rank of associate research professor of medicine.

Esther Leiper Estabrooks (B.A. English '70) has been named assistant librarian for the Jefferson, N.H., library, where her felt-tip marker designs and illustrations have been shown. Her yarn and applique stitchery show headed the opening of Jefferson's Blue Jay Gallery last July.

Stephen Harvey (B.S. health and physical education '70; M.Ed. administration and supervision '76) has been named assistant director of athletics for finance and promotions at VCU. Prior to his July appointment, Harvey was a teacher and assistant basketball coach at J. R. Tucker High School. In 1976, he also coached VCU's women's basketball team. He and his wife, the former **Virginia Whitten** (B.F.A.

fashion design '70), live in Richmond.

Barbara J. Limandri (B.S. nursing '70) is an instructor at the West Virginia University School of Nursing and chairperson of sophomore level nursing.

James Patrick Brendon O'Brien (M.S. applied psychology '70), assistant professor of psychology at Tidewater (Va.) Community College, has completed requirements for the Ph.D. degree in human factors psychology from Catholic University of America, Washington, D.C.

William W. Ranson (B.S. accounting '70) of Midlothian, Va., has been promoted to treasurer of Citizens Savings and Loan Association. He joined the association last year after working for Haskins and Sells, an accounting firm.

R. Vincent Reynolds (B.A. history '70) has been promoted to the new position of assistant circulation director of the Times-World Corporation, publishers of the *Roanoke* (Va.) *Times and World News*. He and his wife, the former **Robin Reeves** (B.F.A. fashion art '69), live in Vinton, Va.

Stan Jackson Salasky (B.S. advertising '70), holder of a Juris Doctor degree from John Marshall Law School, has completed course work for the Master of Laws degree at McGill University. He is now on the staff of Winer Industries in Livingston, Tenn., and makes his home in Cookeville, Tenn.

John T. Shanholz (B.S. business administration '70) has been appointed general agent at Atlanta, Ga., by the Northwestern Mutual Life Insurance Company. He moved in April to Atlanta from Milwaukee, where he was assistant regional director of agencies at the company's home office.

Robert P. Wiedemer (B.S. accounting '70; M.S. business '73) is a system analyst with the Virginia Department of Alcoholic Beverage Control. Previously, he worked in the Virginia Department of Taxation.

Richard E. Williams (B.S. accounting '70), a senior accountant for the City of Detroit finance department, is vice-president of the Senior Accountants, Analysts, and Appraisers Association, the exclusive bargaining agent for the three hundred professional accountants, analysts, and appraisers employed by the City of Detroit.

Sherman H. Wooding (M.H.A. '70) is a health planning consultant in Atlanta for the Public Health Service, U.S. Department of Health, Education, and Welfare. He and his family live in the suburb of Stone Mountain, Ga.

Robert A. Beasley (M.S. business administration '71) was promoted in June to general advertising manager of Richmond Newspapers. Beasley has been a member of the newspapers' advertising staff since 1961.

Mary Straub Biellak (B.S. elementary education '71), of Hamburg, N.Y., is employed by the Board of Cooperative Educational Services as a teacher of children who have learning disabilities. Last May she received an M.Ed. degree from Canisius College in Buffalo, N.Y.

Floyd A. Branscomb, Jr. (B.S. management '71) has joined A. H. Robins Company as a medical service representative. He works in the Highland Springs, Va., area.

David C. Bush (resident '71) has returned to his native Danville, Pa., where he has been appointed an associate in Geisinger Medical Center's department of orthopedic surgery. Prior to his appointment, he was an orthopedic and hand surgeon with the U.S. Army in Landstuhl, Germany.

Mario L. Cavezza (B.S. business administra-

tion '71) has been promoted to assistant office manager of the Newark, N.J., office of Hooper Information Services. He is responsible for hiring, training, and supervising insurance and claims investigators, as well as product review and development. He has been with the company since 1971.

George Fugate (B.F.A. communication arts and design '71) has joined the Norfolk staff of Lawler Ballard Little Advertising agency as art director. Before joining LBL, he was associated with McConnell and Associates in Charlotte, N.C.

Harvey L. (Todie) Grattan (M.S. business '71) was a candidate for a seat on the Ashland (Va.) Town Council. The special election was held May 3.

Robert B. Harrison, Jr. (B.S. physical therapy '71) is chief of the physical therapy department at the Naval Regional Medical Center at Great Lakes, Ill.

Bradford E. Johnson (B.S. social welfare '71) is executive director of Franklin-Vance-Warren Opportunity, a community action program funded by the U.S. Office of Economic Opportunity. He lives in Henderson, N.C.

Cartoon, illustrations, and self-portraits by **Clifford McIver Leftwich** (B.S. advertising '71) were displayed in March at the Richmond Public Library. Leftwich is assistant art director in the Creative Services Department of Richmond Newspapers.

Elizabeth A. Moyer (M.S. occupational therapy '71), chairman of the Department of Occupational Therapy at the University of Alabama in Birmingham, has coauthored a book *Occupational Therapy in the Community* with Delvina Cross, a former VCU faculty member. The book was published in May by the New York State Occupational Therapy Association.

Sharon Neitch (B.S. occupational therapy '71) is director of adjunctive therapies at Southwestern State Hospital in Marion, Va.

Mark L. Nichols (M.D. '71) now lives in Malibu, Calif., where he is practicing internal medicine.

V. Wayne Orton (M.S.W. '71) has been named associate director of operations for the Southeastern Tidewater Opportunity Project (STOP).

Margaret G. Russell (M.S. rehabilitation counseling '71) retired June 30 after a thirty-five-year career as an employment counselor with the Virginia Employment Commission in Petersburg. She lives in Disputanta, Va.

Susan Shaffer (M.S.W. '71) is the assistant executive director of the Jewish Community Center of Tidewater, Va. She resides in Norfolk.

Thomas G. Smith (M.D. '71) completed a residency in internal medicine and nephrology at the Mayo Clinic in Rochester, Minn., in 1976. That same year he entered private practice in internal medicine and nephrology in Boise, Idaho.

Guy M. Thrift (B.S. accounting '71), a self-employed Certified Public Accountant in Falls Church, Va., is president of Bellson Associates, a furniture manufacturing company in Washington, D.C.

Charles F. Bahen, Jr. (D.D.S. '72) has opened an office in Richmond for the practice of orthodontics.

Anne Way Bernard (B.F.A. painting and printmaking '72) and her husband have moved to Bevers Mill, Va., near Roanoke.

L. Bradford Boynton (B.F.A. drama '72), production manager and designer for VCU's *Fanfare '77* summer theatre, is now managing director of the Virginia Museum Theatre Reper-

tory Company for the 1977/78 season. In his new position, Boynton is responsible for the day-to-day operation of the theatre, including scheduling, production management, and the hiring and supervising of technical personnel. His previous experience includes a two-year stint as resident designer at Richmond's Stage Center.

United Virginia Bankshares announced in March the promotion of **Margaret F. Dohn** (B.S. office administration '72) to loan servicing officer. A resident of Richmond, she joined the organization in 1970.

David B. Eagle (M.D. '72) has completed a three-year residency in pediatrics at the Upstate Medical Center in Syracuse, N.Y., and a two-year fellowship in child development at Harvard Medical School and Children's Hospital Medical Center in Boston. In September, he became an assistant professor of pediatrics at the Albert Einstein College of Medicine, where he is preceptor for the pediatric house staff of Montefiore Hospital's residency program in social medicine. Montefiore Hospital is located in the Bronx, N.Y.

John A. Gorman (M.H.A. '72), a member of the Strategic Air Command and administrator of the USAF Regional Hospital at Minot Air Force Base, N.D., has received his second Meritorious Service Medal. The award recognizes his outstanding duty performance as administrator at the USAF Regional Hospital at Griffiss Air Force Base, N.Y.

William J. Harvey (B.S. economics '72) is employed in a marketing position at E. I. duPont. He works in the polymer division at the company's corporate headquarters in Wilmington, Del.

Richard M. Keeney (B.F.A. art education '72), a former graduate student in the School of Business at Tulane University, has bought his own business, J. T. Gibbons, an export management company doing a multimillion dollar business in ninety countries. He lives in Metairie, La.

Panelph L. Kyler (B.S. occupational therapy '72), chief of occupational therapy at Mount Wilson Hospital in Baltimore, is president of the Maryland Occupational Therapy Association.

Michael A. Mays (B.S. business administration '72), a 1975 graduate of the T. C. Williams School of Law at the University of Richmond, has opened his own law practice in Fairfax, Va. After being admitted to the Virginia State Bar in 1975, Mays worked one year as a law clerk for the Circuit Court of Fairfax County, Fairfax, Va.

Hannah Hale Overton (B.A. English '72), coordinator of the Aspirin-Myocardial Infarction Study underway at MCV, has been elected to the board of the Virginia State Heart Association, Richmond Area Chapter.

J. Mitchell Sandlin (B.S. business administration '72), of Franklin, Va., president of Sandlin-Rabil Enterprises, has opened his fourth fast-food restaurant in the Tidewater area.

Neil E. Shields (M.H.A. '72) has been named administrator of University General Hospital in Seminole, Fla. Prior to his appointment, he was assistant to the vice-president for hospital operations with General Care Corporation, of Nashville, Tenn.

Linda Smith Thorpe (B.S. business education '72) has been hired by the Rockingham County (Va.) Board of Supervisors to run the county's new computer operation. Before her hiring last May, Thorpe taught computer programming at the Woodrow Wilson Rehabilitation Center.

James H. Westerhouse (B.M.E. '72) is

percussionist-stage manager for the Fairfax (Va.) Symphony Orchestra, string orchestra director for Fairfax High School and Sidney Lanier Intermediate School, and organist and choir director at Trinity Episcopal Church in Manassas, Va.

In March **Kenneth Barbour** (B.S. pharmacy '73) joined the staff of Hudson's Drug Store and the pharmacy at R.J. Reynolds-Patrick County (Va.) Memorial Hospital. He divides his time between the two pharmacies.

Prints by **Raffaele de Gregorio** (B.F.A. painting and printmaking '73), of Capri, Italy, were exhibited in April at the University of Richmond's Marsh Gallery.

Steven C. Ender (B.S. management '73) is coordinator of counseling and tutorial services for the Director of Special Services at the University of Georgia, where he earned his M.Ed. degree in 1976.

Joseph C. Gregorek (Ph.D. anatomy '73), biology professor at Gannon College in Erie, Pa., heads a research project that has won the Pennsylvania Academy of Science Darbaker Award for research. In 1972 Father Gregorek and Gannon students began studying the pineal area of the brain, a pea-size growth that is attached to the top of the brain by a slender thread. Besides statewide recognition, the Darbaker Award includes a \$500 prize and publication of the research project report in the academy's journal.

Roger L. Harrell (M.H.A. '73) is assistant to the director of the Mental Retardation Administration, Department of Health and Mental Hygiene, Baltimore, Md.

Sandra Gunter Hedayatnia (B.S. journalism '73) has moved from Ft. Worth to Austin, Tex., where she works as a journalist with the Texas Employment Commission. She is also writing a thesis to complete requirements for a graduate degree at North Texas State University. Last July, she went to Fort McCoy, Wis., for Army Reserve summer camp. She is a specialist fourth class in the reserve.

Howard D. Hopkins (M.Ed. administration and supervision '73), athletic director at Richmond's Maggie Walker High School, was track and field coach for the Richmond team entered in the U.S. Youth Games held in August at New Haven, Conn.

John G. Hupp (M.H.A. '73) is executive vice-president of operations for Central Medical Health Services in Pittsburgh, Pa.

In June **James C. Kent, Jr.** (B.S. journalism '73) joined television station WDBJ, Channel 7, in Roanoke, Va. Besides anchoring the six o'clock evening news, Kent produces both it and the eleven o'clock newscasts. He moved to Roanoke from television station WBRZ in Baton Rouge, La.

Harold E. Martin (B.S. economics '73), of Collinsville, Va., is traffic manager at Gravely Furniture Company.

Douglas M. Mrsitil (B.S. business administration '73) has been promoted to international banking officer by North Carolina National Bank. He joined the bank in 1975 as a credit analyst; after earning a master's degree in international management from the American Graduate School of International Management in Phoenix, Ariz. NCNB has international branches or financial affiliates in New York, London, Hong Kong, and the Cayman Islands.

Boyd C. Myers (M.D. '73) completed MCV's residency program in family practice in 1976. After spending a year doing emergency room work, he and his wife and family moved to West Chester, Pa., where he has begun a practice in family medicine.

Shirley Neitch (B.S. science '73) received her M.D. degree in May from MCV. In July she began a residency in internal medicine at Roanoke (Va.) Memorial Hospital.

Frances Purcell O'Keefe (M.S. applied psychology '73), assistant professor of psychology at Tidewater Community College, has devised and implemented a course in the psychology of human sexuality. The course has been approved and incorporated into the state guide for courses in the Virginia community college system.

Claudia Shapiro Quimby (B.F.A. dramatic arts and speech '73) returned to Richmond last spring to portray "Reno" in the Haymarket Dinner Theatre production of Cole Porter's *Anything Goes*. She and her husband, **Thomas M. Quimby** (B.F.A. dramatic arts and speech '71), live in New York.

Joel Sartorius (B.F.A. art history '73), a Ph.D. candidate at Bryn Mawr College, has received a grant from the G. K. Delmas Foundation to study sixteenth-century sculpture in Venice. His research is for a dissertation of sculptured portrait busts.

Dan Smith (B.F.A. communication arts and design '73) is a graphic and exhibit designer for the U.S. Information Agency in Washington, D.C. In 1976 he received awards of excellence for poster design from the New York Art Directors Club and the Federal Design Council. This year he has received awards of excellence from the New York Art Directors Club, Washington Art Directors Club, and Champion Paper Company.

Gregory A. Solomon (B.S. distributive education '73), of Richmond, is a mortgage loan representative for Weaver Brothers, a mortgage banking firm.

George C. Stafford, Jr. (B.S. chemistry '73) has been working as a research chemist for Finnigan Corporation in Sunnyvale, Calif., since October of 1976. He received his Ph.D. in chemistry from the University of Virginia on May 22, 1977. He lives with his wife and son in San Jose, Calif.

James B. Vigen (B.A. history '73) received the Master of Divinity degree in June from the Lutheran Theological Seminary in Columbus, Ohio. He has been accepted for advanced work leading to the S.T.M. degree at Yale Divinity School, where he will study the history and theology of Christian missions. He also has received a call from the Board of World Missions of the American Lutheran Church for service in Madagascar beginning in 1978.

Charlotte A. Wilhelm (B.S. elementary education '73) teaches fifth grade at Lee-Hill Elementary School in Spotsylvania County, Va. She lives in Fredericksburg, Va.

Wyman Bailey (M.S. business '74), personnel supervisor for C & P Telephone Company of Virginia, is an adjunct faculty member in the business school at VCU. He conducts management training seminars around the country for the American Management Association, as well as in-house seminars for private industry and local and state governments.

Allan H. Cohen (B.S. business administration '74) has been promoted to buyer of men's clothing, sportswear, and furnishings for Thalhimer's budget store. He joined the Richmond retailer in 1974.

Sherry Maxine Deutsch (B.S. elementary education '74) has joined the staff of the Richmond Montessori School as a director after successfully completing the requirements for a primary certificate in Atlanta, Ga.

Michael R. Harper (M.D. '74), a family practitioner, joined the staff of Shenandoah



Continuing Education Courses for Fall

The VCU Office of Continuing Education is pleased to announce its fall offerings of noncredit courses. The sixty courses are specially designed for men and women of all ages who desire timely, interesting, and challenging learning experiences at the university level and of university quality.

The faculty is drawn from various schools within the university and from the community at large. For the most part, classes are held off campus in

locations that are comfortable and convenient to Richmond area residents. Most courses are scheduled for evening hours and meet weekly for six to ten weeks, beginning in September or October.

For copies of a brochure containing details of all noncredit courses and registration information, please return the form below to: Office of Continuing Education, 301 West Franklin Street, Richmond, Virginia 23220. You may also

request a brochure or course information by telephoning (804) 770-3746.

••••••••••••••••
Please send me details of the noncredit courses being offered this fall.

Name _____

Address _____

City _____ State _____ Zip _____

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Adult Fun Gymnastics
Antiques Appreciation
Aspects of French Culture
Astrology: Basic Interpretation
Astrology: Horoscope Construction
Assertion Training for Males and Females
Assertive Living for Males and Females
Basic Photography
Basic Sailing: Parts I and II
Beginning Jewelry and Metalsmithing
Children's Gymnastics
CLEP Exams: What Are They?
College
Creative Writing
Cuban Adventure Field Trip
English as a Second Language
ESP: What Is It?
Experimental Graphics Workshop
Exploring Creative Potential
Fall Wildflowers in Virginia

Fine Art Prints: What Are They?
Fossil Hunting
French for a Day
French for Tourists
German for a Day
German for Tourists
History of the American House
Insurance for the Consumer
International Country Cooking
Italian for a Day
Italian for Tourists
Job Interview Skills
Legal Problems of Basic Concern to Women
Life Drawing
Looking at Richmond: Parts I and II
Looking at the James
Lunchtime Tours of Downtown Richmond
Meet Mr. Robert: A Course in the Basics of
Parliamentary Procedure
Midlife Career Planning and Decision Making

Music in Recital
New Tailoring Techniques
Painting Workshop
Practical Investments
Psycho-Physical Exercises and Relaxation
Richmond: Faces of a City, an Informal
History
Richmond Symphony Previews
Role of Computers in Organizations
Sensitivity to Self and Others
Small Antiques
So You Wanna Be in Radio?
Spanish for a Day
Spanish for Tourists
Tours of Vanished Richmond
Virginia Poets
Vocal Gold: A Look at Lesser Known Operatic
Masterpieces
What's That Bird?
Wide World of Wine: Parts I and II

County (Va.) Memorial Hospital after completing MCV's residency program at the Blackstone (Va.) Family Practice Center.

Recent works by **Douglas Higgins III** (B.F.A. painting and printmaking '74) were exhibited in April at Washington and Lee University's Dupont Gallery. Higgins resides in Lexington, Va.

Van S. Hubbard (M.D. '74; Ph.D. biochemistry '74), clinical associate with the National Institutes of Health, is conducting research into cystic fibrosis. He lives in Bethesda, Md.

A. Bartlett Keil (B.S. marketing '74), a 1976 graduate of T. C. Williams School of Law at the University of Richmond, is a law clerk to the Supreme Court of Virginia. He plans to enter private practice in the summer of 1978.

Leon Laplante (M.S.W. '74) is employed as an apprentice carpenter in Rhode Island.

Richard Patrick Lewis (B.S. sociology '74), a program specialist with the New Jersey Department of Human Services, has completed most requirements for an M.A. degree in sociology-criminal justice at Rutgers University. He and his wife, the former **Nancy Hanks** (B.F.A. art history '75), a union organizer, live in Somerville, N.J.

Kathleen McKinnie (B.S. social welfare '74, M.S.W. '76) is employed as a social worker with the Pueblo (Colo.) Department of Social Services, Child Protective Services Unit.

Alan P. McLearn (B.S. economics '74) teaches and coaches track and cross-country at Madison County (Va.) High School. His wife, **Mary Linda McLearn** (B.S. elementary education '75), teaches first grade.

Robert G. Martin (B.S. sociology '74) works as a counselor at Fluvanna Correctional Unit, Virginia Department of Corrections. In 1975 Martin received an M.A. degree in criminology and corrections from Sam Houston State University in Huntsville, Tex.

John G. Mitchell (B.A. history '74) graduated in May from Union Theological Seminary with the degree Doctor of Ministry. He lives in Farmville, Va.

Stuart K. Morgan (B.S. business administration '74) has been appointed controller of Century Construction Company in Richmond. He joined the firm in 1973.

Garfincleks department store in Washington, D.C., has promoted **Susan H. Morris** (B.S. retailing '74) to buyer.

Patricia L. Mundy (B.S. health and physical education '74) is a health and physical education teacher for the fifth grade at Zion Elementary School in Greenville County, Va.

Kenneth J. Robertson (M.D. '74) has completed a three-year residency in family practice, and has joined a group practice in Kingsport, Tenn.

Brian M. Schnitzer (M.D. '74) has been transferred from the staff of the Public Health Service Hospital, Papago Indian Reservation, Sells, Ariz., to the PHS clinic at Tongue River (Cheyenne) Indian Reservation, Lame Deer, Mont. His wife, **Bonnie Robertson Schnitzer** (B.S. nursing '72), has been awarded an M.S. degree in nursing with a specialty in pulmonary nursing from the University of Arizona.

Thomas H. Solenberger (M.D. '74) completed a residency in family practice at the University of Arizona in June. He plans to begin a residency in obstetrics and gynecology at the University of New Mexico in Albuquerque.

Michael M. Waldvogel (B.S. sociology '74) is executive director of the Downtown Business League, of Roanoke, Va. He also serves as chairman of the board for Roanoke Jaycees, as director of the Roanoke Valley Chamber of

Commerce, and as vice-president for Mill Mountain Zoo. Waldvogel is a past member of a Virginia legislative subcommittee which investigated the need for and financing of additional group foster homes for delinquent and pre-delinquent youth.

Thomas B. Werz, Jr. (B.S. accounting '74) has been promoted to inventory control coordinator with Reynolds Aluminum Supply Company. He is also enrolled in VCU's master's program in accounting.

Phyllis S. Winn (B.S. special education '74) teaches mentally retarded children in Boydton, Va.

Linda Atkinson (B.F.A. sculpture '75), candidate for an M.F.A. degree from the California College of Arts and Crafts in Oakland, was represented in an exhibit at the college in March. Her mixed-media sculptures were among these works on display.

Barbara M.S.W. '75 and **Edward Brodsky-Forges** (M.B.A. '76) currently reside in Seattle, Wash. "Ned" is an assistant professor at Washington State University's Seattle Center for Hotel and Restaurant Administration.

Elizabeth Chernak (M.S.W. '75) is employed in New York City as an adoption worker for Sheltering Arms Services for Children.

After working for two years with the Richmond office of Coopers and Lybrand, **Donald C. Garabedian** (B.S. accounting '75) has been transferred to San Francisco, where he works as a CPA.

Doris Harrison (M.Ed. administration and supervision '75) teaches humanities, American history, and world history at Greensville County (Va.) High School.

Vanda B. Hedges (M.S.W. '75), a team leader in Rowan County, Ky., for the Bureau of Social Services, Kentucky Department for Human Resources, has completed a master's degree in adult and continuing education at Morehead State University. In 1976 she was listed in *Outstanding Young Women of America*.

Gary B. Lanham (M.H.A. '75) moved in July from Des Moines, Iowa, to New Orleans, La., where he heads the quality assurance program at the local Veterans Administration Hospital.

Robert Parker (B.S. elementary education '75) is a kindergarten teacher at Woodberry Hills Elementary School in Danville, Va. Parker also tutors for the Community Improvement Council, and last summer he worked as a playground director for the Danville Parks and Recreation Department.

David P. Paul IV (D.D.S. '75) has been appointed assistant director of the dental general practice residency program at DePaul Hospital in Norfolk, Va.

Baxter F. Phillips, Jr. (B.S. management '75; M.B.A. management '76), who joined United Virginia Bank in 1976 as a management analyst, has been named assistant cash management officer. Richmond is his home.

Richard E. N. Sedwick (M.D. '75) is serving a residency in obstetrics-gynecology at Tripler Army Medical Center in Honolulu, Hawaii.

Danny E. Simpson (B.F.A. sculpture '75) has received an M.F.A. degree from the Rhinehart School of Sculpture of the Maryland Institute, College of Art, where he received both the Rhinehart and Amalie Rothschild merit awards for sculpture. He also was included in the Virginia Museum's May exhibition "Virginia Artists 1977." Simpson is employed as a designer of infant play materials by the research and design group, Environmental Programs, of Baltimore, Md. He is responsible for the infant development program presently being marketed by the Johnson and Johnson Baby

Products Company.

Craig A. Sirles (B.A. English '75), a Ph.D. candidate in Arabic linguistics at Northwestern University, has been awarded a fellowship to study Arabic language at the University of Tunis, Tunisia, in North Africa.

Edwin L. Smolowitz (M.D. '75) began a urology residency at Baylor Medical Center in July, after completing the first year of a surgical residency at the University of Alabama Medical Center.

Barbara A. Williams (B.S. nursing '75) is an instructor in family development nursing at Saint Joseph Hospital School of Nursing in Towson, Md. She lives in Baltimore.

Janine C. Braun (B.S. special education '76) is a resource needs counselor for fourth, fifth, and sixth graders at Sherburne-Earville Central School in Sherburne, N.Y. Her home is in Saint Mary's County, Md.

Dwight B. Frazier, Jr. (M.Ed. '76) has been appointed assistant principal of Stafford Middle School in Stafford, Va. He and his wife make their home in Fredericksburg.

From **Su Jusell** (B.S. sociology and psychology '76): I'm working on my master's degree in social work at the University of Maryland in Baltimore. I currently am receiving a grant from the National Council of Alcohol and Alcohol Abuse for research in female alcoholism.

Kathleen F. Koch (B.S.W. '76) works as a child welfare social worker for the City of Richmond's Department of Public Welfare.

Gloria T. Kosler (B.F.A. fashion design '76) is employed as a layout artist for Rices Nachmans department store in Norfolk, Va.

Carol MacIver (M.S.W. '76) is a welfare specialist with the Tidewater regional office of the Virginia Department of Welfare. She lives and works in Virginia Beach, Va.

Randi Mitzner (B.S. special education '76) lives on Long Island and works in the New York City office of U.S. Senator Daniel Patrick Moynihan.

Ann E. Welge (M.S.W. '76) is an alcoholism counselor for the Columbus (Ohio) Health Department. She writes: "I am now providing counseling-consultation services to the Neighborhood Health Centers around the city, as well as conducting staff development workshops and facilitating my own group of recovering alcoholics."

Ersin Yurtsever (Ph.D. chemistry '76) and his wife, the former **Elizabeth Ann Johnson** (B.S.W. '76), live in Bielefeld, West Germany, where he is associated with the chemistry department at the University of Bielefeld. Beth Ann is studying German and hopes to tutor pupils in English.

James E. Filler (B.S.W. '77), of Manakin-Sabot, Va., has been received as a novice into the Order of Saint Benedict at Mary Help of Christians Abbey in Belmont, N.C. He was given the religious name of Joachim.

Jane Lemon Marmon (M.Ed. elementary education '77), formerly a teacher at Saint Christopher's lower school in Richmond, passed the Virginia real estate exam and now works as a sales associate for the Richmond realty firm of Rennie and Wallace.

Loretta A. Tessier (B.S. marketing '77) has been elected assistant regional marketing officer for United Virginia Bankshares. She is based in Alexandria, where she works with the company's marketing program in Northern Virginia.

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1978 ALUMNI TRAVEL PROGRAM

VCU alumni and friends will have their choice of at least four travel opportunities during 1978.

A trip to **Rio de Janeiro** is scheduled for February 11-19. The price of \$499* includes: roundtrip charter flight from Washington's Dulles Airport, deluxe hotel accommodations, welcome cocktail

party, continental breakfast daily, dinner five evenings on the Dine-Around Plan, and tour of a gem factory. Low-cost optional tours are also available.

Although all dates and prices are subject to change, a **Rome** tour is being planned for April 27 to May 5; the price is \$499*. An **Athens** trip is tentatively set

for May 28 to June 5; the price, \$599*. The **London** departure will probably be in August.

For additional information, please contact: VCU Alumni Activities Office, 828 West Franklin Street, Richmond, Virginia 23284; telephone (804) 770-7125.

*Plus 15% tax and service charge

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Alumni Activities Office
Richmond, Virginia 23284

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